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FOUNDATION FACTS

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Volume 15

February, 1953

No. 2

TALK BY STAFF MEMBER

Dr. C. Richard Walmer, Managing Director, presented a paper before the Industrial Medical Section of the Cleveland Academy of Medicine on January 26. The subject was "The Role of Medicine in Industry--The Importance of the Private Practitioner in the Program."

TRUSTEE RECEIVES NEW APPOINTMENT

Dr. W. P. Yant, Director of Research and Development, Mine Safety Appliances Company, Pittsburgh, and a member of the Foundation's Board of Trustees, has been elected vice president for industry of the National Safety Council and Chairman of that organization's Industrial Conference.

MEMBER OF RESEARCH STAFF RECEIVES Ph.D.

Miss Marian Westrick, who is engaged in toxicologic research for the Foundation, received a Ph.D. in zoology from the University of Pittsburgh on January 30. The subject of her dissertation is "Physiologic Responses Attending the Administration of Antimony Trioxide With and Without Thyroxin." A portion of the thesis will appear in the Proceedings of the Society for Experimental Biology and Medicine.

DR. WEIDLEIN HONORED

Dr. Edward R. Weidlein received an honorary Sc.D. from the University of Miami on February 4 at the annual commencement exercises, where he delivered the principal address on "Science and Humanity."

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Volume 15

April, 1953

No. 4

WALMER APPOINTED TO COMMITTEE OF CAI

Dr. C. Richard Walmer, Managing Director of the Foundation, will serve as an executive member of the Medical Advisory Committee of the Committee of American Industry. The CAI, a division of the National Fund for Medical Education, is spearheading a \$10,000,000 campaign to help the medical schools forestall threats to their teaching and research programs. The twenty-four physicians appointed will act as a liaison between American business and the nation's 79 medical schools. Members of the Committee will work closely with such professional groups as American Foundation of Occupational Health, Industrial Medical Association, Council on Industrial Health, American Medical Association, Association of Life Insurance Medical Directors, American Industrial Hygiene Association, Association of American Medical Colleges and American Association of Industrial Nurses.

BRAUN PARTICIPATES IN EDUCATIONAL PROGRAM

Dr. Daniel C. Braun, Medical Director of the Foundation, participated as lecturer in the Postgraduate Course in Occupational Health at the University of Pennsylvania on April 1. He discussed "The Status of the Industrial Nurse from the Viewpoint of the Industrial Physician."

FLETCHER GIVES TALK IN AUSTRALIA

Mr. Andrew Fletcher, President, St. Joseph Lead Company and Chairman of the Board of Trustees of the Foundation, gave a talk on "An American Views the International Metal Scene" before the Australasian Institute on March 31 at Melbourne, Australia.

A NEW REPRINT AVAILABLE

Reprints of a paper on "Scientific Boundaries in Air Pollution Studies" by W. C. L. Hemeon, Engineering Director of the Foundation, are available on request. The paper was presented before a joint session of the American Association for the Advancement of Science and the American Industrial Hygiene Association at St. Louis, Mo., on December 29, 1952.

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Volume 15

June, 1953

No. 6

COMMITTEE MEMBER ACCEPTS APPOINTMENT

Mr. Warren A. Cook, a member of the Foundation's Chemical-Toxicological Committee, will head a newly established Bureau of Industrial Hygiene at the School of Public Health, University of Michigan, Ann Arbor, where he has accepted appointment as Associate Professor of Industrial Health and Hygiene, effective July 1, 1953. Mr. Cook for the last 15 years has been Director of the Division of Industrial Hygiene and Engineering Research of the Zurich - American Insurance Companies, Chicago.

BOARD MEMBER DIES

Mr. J. W. McLaughlin, Vice President of Union Carbide and Carbon Corporation and a member of the Foundation's Board of Trustees, died suddenly on May 15.

NEW BOARD MEMBER APPOINTED

Mr. A. D. Ross Fraser, President, Rome Cable Corporation, was elected to the Board of Trustees at the Spring meeting in New York on May 27 to fill the vacancy created by Mr. R. E. Zimmerman's retirement from the Board.

STAFF MEMBERS PRESENT PAPERS

Dr. C. Richard Walmer, Managing Director of the Foundation, was a speaker at the Convocation-Commencement Exercises of Washington and Jefferson College in Washington, Pa., on June 5. The subject of his discussion was "Prerequisites of Medicine."

Mr. W. C. L. Hemeon, Engineering Director presented a paper on "Determination of Haze and Smoke Concentration by Filter-Paper Sampling" at the Air Pollution Control Association meeting in Baltimore on May 25. The paper was authored by Messrs. Hemeon, George Haines and Harold Ide.

NEW REPRINT AVAILABLE

Reprints of a paper presented by W. C. L. Hemeon at the Conference on Instrumentation for the Iron and Steel Industry in April, 1952, Pittsburgh, are ready for distribution. The article appeared in the April, 1953, issue of Instruments.

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INDUSTRIAL HYGIENE FOUNDATION

4400 FIFTH AVENUE

PITTSBURGH (13), PA.

siderosis, berylliosis, asbestosis, and the organic dust diseases are discussed briefly in relation to diagnosis. The importance of personal and occupational history is emphasized. The factors to be considered when deciding whether a man should be taken from his job are discussed.

- 604 The Clinical Picture and Pathology of Asbestosis. W. Behrens, Jr.
Z. Unfallmed. u. Berufkrankh. 45, 129-140 (June 15, 1952); 179-189
(Sept. 15, 1952). German.

This paper presents an extensive review of literature on asbestosis including distribution and types of asbestos, its mining, treatment, and use, dust hazards, and effects of length of exposure of the dust in different concentrations. Symptomatology, diagnosis, and x-ray findings in the different stages of asbestosis are described. Special mention is made of the association of asbestosis with carcinoma, which is much more frequent than that of silicosis. Post-mortem reports from the literature indicate that in 309 cases of asbestosis there were 44 lung carcinomas (14.2%), whereas in 2,204 cases of silicosis only 32 carcinomas were found (1.4%). The experience of the association of tuberculosis and asbestosis varies greatly in different countries. English investigators have recorded a high rate of tuberculous infection in asbestos workers, but it is a rare complication in America and the rate is low in Germany. The macroscopic and microscopic appearances of the lungs are described, and the nature and significance of asbestosis bodies are discussed and an extensive reference list dealing with that controversial subject is given.

-- Cond. from Bull. Hyg.

- 605 Lung Carcinoma Caused by Asbestos Inhalation. F. Boemke.
Med. Monatsschr. 7, 77-81 (1953) German.

The relation between fibrotic changes caused by asbestos deposits in the lung and carcinoma is discussed. The lower lobe is the site of predilection. Characteristic are the multicentered developments of flat epithelium carcinoma.

-- Chem. Absts.

PHYSICAL ASPECTS OF THE ENVIRONMENT

- 606 Carbon Dioxide and Respiratory Regulation at Altitude. F. G. Hall.
J. Appl. Physiol. 5, 603-606 (April 1953).

Fourteen young men exposed to a simulated altitude of 22,000 feet breathed gas mixtures with varying concentrations of carbon dioxide. The partial pressures of oxygen and carbon dioxide in alveolar air were correlated

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June 1953

INTRODUCTION

For the convenience of members who wish to obtain original papers that have been abstracted in the Digest, a revised list of names, abbreviations and addresses of the publications covered has been compiled. Careful reading of the following information will facilitate obtaining the desired material. The Foundation has no copies for distribution, unless specifically stated in the abstract heading. The following procedures may be used to obtain reprints, periodicals, or photostats:

I. Reprints and Periodicals

Reprints

In many cases the author has reprints for distribution. The Foundation will be glad to furnish the author's address.

U. S. Bureau of Mines Publications

Reports of Investigations and Information Circulars of the Bureau of Mines can be obtained without charge from the Publications Division, U. S. Bureau of Mines, 4800 Forbes Street, Pittsburgh 13, Pa.

Atomic Energy Commission Reports

When a price is given, the report is obtainable from the Office of Technical Services, Department of Commerce, Washington 25, D. C. The report should be ordered by number and title. A check or money order payable to Treasurer of the United States should accompany order. If no price is given, the report is available only on loan from one of the AEC depository libraries. The Foundation will supply information regarding a convenient library. Some of the reports are available only in abstract form. Where it is noted that the abstract is copied in full, no fuller report is available.

Copies of Periodicals

The desired issue of a periodical can be obtained from the publishers as listed. Prices are not given as they may vary, and some publications do not give prices for single issues. The price range is usually from 50 cents to \$1.50.

If the original copy of a foreign publication is desired, it is more convenient to order it from: Stechert-Hafner, Inc., 31 East 57th Street, New York 3, N. Y., rather than directly from the publisher. A small charge is levied, but difficulties in foreign exchange, etc., are avoided. Details including title of the periodical, date, and pages should, of course, be given and it may be well to include the publication address.

Official British Government publications are obtainable from British Information Service, 30 Rockefeller Plaza, New York 20, N. Y.

Books or Separate Publications

The publisher's address and price of the publication are given in the heading of a book review or abstract of a separate publication.

II. Photostats

Armed Forces Medical Library

The Armed Forces Medical Library, Washington 25, D. C., supplies photostats of all material in that library, somewhat reduced in size, at 50 cents for five double pages or fraction thereof. Order forms are necessary and can be obtained from the above library or from the Foundation. The library has a wide coverage of medical and scientific literature.

A. C. S. Service

Each issue of Chemical Abstracts, usually on page iii, contains full directions for ordering photostats from the U. S. Department of Agriculture Library. This service is available only to members of the American Chemical Society and subscribers to Chemical Abstracts. The periodicals include most of those abstracted in the Digest.

Other Services

Many other large libraries supply photostats of material in their own possession. They are full size and the charge is usually 35 cents per double page. If a publication is available in Pittsburgh, photostats can be furnished at cost.

Any information needed to aid in locating material and choosing the method of ordering may be obtained on writing to the Foundation. Particularly when photostats are desired, the Foundation, in nearly all cases, can tell whether a publication is available in a Pittsburgh library, the Armed Forces Medical Library, or available through the A. C. S. Service.

Scope and Arrangement of the List

The publications listed include virtually all those from which abstracts have been made, from 1950 through April, 1953. A list of those appearing later is kept, and the Foundation will gladly supply information on them. The abbreviations are those used in the headings of the abstracts, and conform, with some modifications, to those used by Chemical Abstracts. This list is arranged in the alphabetical order of the words as abbreviated, for instance: Journal, abbreviated J., precedes Japanese, abbreviated Jap.; Manufacturing, abbreviated Mfg., follows Metropolitan and precedes Management, which is abbreviated Mgmt.

C. Richard Walmer, M. D.



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Volume 15

September, 1953

No. 9

PREPARATIONS FOR ANNUAL MEETING

Final arrangements for the 18th Annual Meeting of the Foundation are nearing completion. Invitations and preliminary programs will be mailed in the near future, so keep the dates--November 18 and 19--open.

The Medical, Engineering, Chemical-Toxicological, Legal, and Medical-Legal Conferences will be held on the first day. Included in the Medical Conference will be papers on the proper scope of medical care in industry, the stress disorders, rehabilitation of the ill and injured worker, and problems associated with older workers. The Engineering Conference will cover such topics as industrial hygiene in the design of new plants, dust and fume control, air pollution, and smog, plus a number of topics on specific industrial problems. The Chemical-Toxicological Conference will include presentations on the subject of analysis of biological materials as indices of exposures to hazardous materials. In addition, a series of brief discussions on subjects suggested by member companies throughout the year will provide an opportunity for interchange of information on common problems in industrial groups. "Administration of Workmen's Compensation Laws" will be the subject of a panel discussion at the Medical-Legal Conference.

The General Meeting, especially designed for management, is scheduled for the 19th, and will take up pertinent problems of human relations in the industries.

DR. WALMER TO DISCUSS NOISE PROBLEM

Dr. C. Richard Walmer, Managing Director of the Foundation, will be one of the speakers at the 6th Industrial Health Conference, sponsored by the Houston Chamber of Commerce, to be held in Houston, Texas, October 1-3. The subject of his paper will be "Noise in Industry--The General Problem."

LECTURE ON DISEASES OF THE CHEST

Dr. Daniel C. Braun, Medical Director of the Foundation, will present a paper on October 4 on "Occupational Diseases of the Lung." The lecture is part of a course on Diseases of the Chest presented by The American College of Chest Physicians in conjunction with The American Academy of General Practice of Western Pennsylvania. The four weekly lecture periods began on September 13, and are held at the Pittsburgher Hotel, Pittsburgh, Pa.

STAFF MEMBER A. P. C. A. PROGRAM CHAIRMAN

Mr. W. C. L. Hemeon, Engineering Director of the Foundation, has been appointed Chairman of the Program Committee of the Air Pollution Control Association for the coming year.

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November, 1953

No. 11

EIGHTEENTH ANNUAL MEETING HAS RECORD ATTENDANCE

Registration showed that approximately 800 persons attended the 18th Annual Meeting and Conferences of Industrial Hygiene Foundation, at Mellon Institute, Pittsburgh, on November 18 and 19. Registration for the Conferences was as follows:

Medical	171	Engineering	117
Chemical	118	Legal	108

Total attendance at the Conferences was 514, and there were 506 representatives at the General Meeting on November 19.

KEYNOTE ADDRESS

"The Role of Government in the Employer-Employee Relationship" was the subject of the keynote address by Vincent P. Ahearn, Executive Secretary, National Industrial Sand Association. His speech gave a clear picture of problems encountered in the settlement of disputes in which management, labor and government are involved. He summed up his thesis by saying, "I do not believe there is any real substitute for a common determination of labor and management to live together peacefully and to work out by themselves a pattern of behavior that will make the role of government less and less important."

HUMAN RELATION PROBLEMS

Dr. E. V. Murphree, President, Standard Oil Development Company, presided over a symposium on "Problems of Human Relations in the Industries." The members discussed the subject as it affects labor and the responsibilities of management, and as influenced by extramural activities and by the need for research.

EXHIBITS FEATURE OF MEETING

Exhibits showing activities in the field of industrial hygiene contributed to the success of the meeting. Exhibits were displayed by the following: Aluminum Company of America, American Medical Association, Graduate School of Public Health, University of Pittsburgh, and Rome Cable Corporation.

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BRAUN DISCUSSES INDUSTRIAL HEALTH PROBLEMS

Dr. Daniel C. Braun, Medical Director of the Foundation, participated in the Discussion on Industrial Health Problems at the University of Michigan School of Public Health and Institute of Industrial Health held on December 11 and 12. He discussed "National Interest in Industrial Health--How Can it be Promoted?"

FOUNDATION ASSOCIATE TO GIVE LONDON LECTURE

Frederick S. Mallette, a member of the Foundation's Chemical-Toxicological Committee, and Research Manager of the American Society of Mechanical Engineers, has been invited to give a Clayton lecture on air pollution before the Institute of Mechanical Engineers of Great Britain in London on April 23, 1954.

BRAUN APPOINTED TO COMMITTEE OF APCA

Dr. Braun has been invited to serve on Industry Committee T-11 (chemical) of the Air Pollution Control Association. This is a sub-committee of the Technical Coordinating Committee, of which Dr. E. R. Weidlein, President of Mellon Institute, is Chairman.

NEW REPRINTS

Reprints are available of a paper on "Determination of Haze and Smoke Concentrations by Filter Paper Samplers" by W. C. L. Hemeon, George F. Haines, Jr., and Harold M. Ide, of the Foundation's Staff. The paper was presented at the Baltimore Meeting of the Air Pollution Control Association in May, 1953.

Also available on request are reprints of a paper by Dr. Daniel C. Braun on "Importance of Industrial Medical Departments as a Management Tool," which appeared in the October, 1953, issue of Advanced Management. The paper was presented at the Thirty-First Annual Meeting of the Pennsylvania Self-Insurers' Association in Philadelphia City on June 26, 1953.

The illustrated story of Industrial Hygiene Foundation, as it appeared in the November, 1953, Anniversary Issue of Industrial Medicine and Surgery, has been reprinted. Reprints will be mailed on request.

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