



Minutes of
ANNUAL MEMBERSHIP MEETING

October 26, 1961

and

SUMMARY OF 1961 ACTIVITIES

INDUSTRIAL HYGIENE FOUNDATION
MELLON INSTITUTE
4400 FIFTH AVENUE - PITTSBURGH 13, PA.

SF H018121

To the Members of
INDUSTRIAL HYGIENE FOUNDATION:

This report contains:

1. The Minutes of the Annual Membership Meeting held on October 26, 1961.
2. A Financial Statement for 1961 and Budget for 1962.
3. Foundation Facts, which is a review of activities during the past year.
4. Publications and Reprints.
5. New Board Chairman and Treasurer.
6. Officers and Members of the Board of Trustees for 1962.
7. 25th Annual Meeting highlights.

The Foundation has long been an advocate of the concept that scientific endeavors and technical knowledge must go hand in hand with wise industrial administration in developing new materials and processes and raising the standards of health and welfare of workers and consumers alike. The accelerated pace of scientific progress has increased the need for greater emphasis on the environmental health problems associated with new developments. The Foundation has in the past, and is continuing to direct its efforts toward assisting its member companies to meet this new challenge. It is doing this through an organized and coordinated program of laboratory research, field investigations, training courses, seminars, and informational services.

However, these plans and programs are only useful if they reach the individuals of the member companies who can really put them into practical application. Various phases of these problems may be of interest to administrative, community relations, medical, industrial hygiene, safety, research, and engineering personnel.

Your cooperation is solicited in helping the Foundation to reach those individuals or groups who have a need for such services.

Sincerely yours,



H. H. Schrenk, Ph.D.
Managing Director



INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.

MINUTES

MEETING OF MEMBERS

Pittsburgh, Pennsylvania
October 26, 1961

The Annual Meeting of the Members of the Industrial Hygiene Foundation of America, Inc., was held at Mellon Institute, Pittsburgh, Pennsylvania, on October 26, 1961, at 8:45 a.m., pursuant to notice.

Dr. William P. Yant, Chairman of the Board of Trustees, presided. Dr. Yant commented on the excellent relations which the Foundation has had with the Mellon Institute since its beginning, first with Dr. Weidlein as President and then with General Ridgway. He then introduced Dr. Paul C. Cross who became President and Chief Executive Officer of Mellon Institute in September of this year.

Dr. Cross welcomed the guests and wished them success. He stated that the Institute is pleased to have the Foundation hold its meetings here each year and he extended an invitation that the meetings continue to be held here every year.

Mr. Theodore C. Waters, who had been previously appointed by the Chairman to examine the proxies, reported that there were 260 companies represented by proxies, that were in proper form and fully executed. On motion made and seconded, the proxies were approved. The member companies represented by proxy or in person constituted a quorum. A list of the member companies represented by proxies and a copy of the notice of the meeting and proxy sent to all members of the Corporation are on file in the Minute Book.

The Chairman called on Mr. E. K. Davison, Secretary, to read the minutes of the last Annual Meeting. The minutes were read and on motion duly made and seconded were approved. The Chairman stated that the Minute Book was available and open at the meeting for inspection by members.

The Chairman then called upon Dr. H. H. Schrenk to submit the report of the Treasurer. Dr. Schrenk reported that the Foundation is operating in the black, and that it is estimated that the year 1961 will be completed with a modest excess of income over expenditures.

Accordingly, at the beginning of the year 1962, the Foundation will have cash and savings account in the amount of about \$81,000.00. Based on a conservative estimate of income for 1962, a total budget of \$153,400.00 was suggested. Following presentation of this report, it was moved, seconded, and passed that the Treasurer's Report be accepted.

Dr. K. W. Smith moved that a contract for 1962 between Mellon Institute and the Foundation in the sum of \$150,000.00, covering the major cost of operation of the Foundation during the year 1962, be approved. This motion was seconded by Mr. Davison, and unanimously approved.

The Chairman reported that he had received the resignation of the following members of the Board of Trustees during the year 1961.

Professor Philip Drinker
Harvard University

Mr. Robert B. Parker
American Brake Shoe Company

Mr. M. W. Thompson
The Hall China Company

The Chairman called on Mr. William G. Hazard, a member of the Nominating Committee, to report on this Committee's recommendations pertaining to: (1) The number of members of the Board for the year 1962, and (2) A slate of nominations for members of the Board to serve during the year 1962.

Mr. Hazard moved that the number of Trustees be set at 30. This motion was seconded and passed. He then submitted the names of the following persons as nominees for election to membership on the Board of Trustees.

Earle T. Andrews
Pennsylvania Glass Sand Corporation

Andrew Fletcher
St. Joseph Lead Company

Dr. Paul W. Bachman
Koppers Company, Inc.

Theodore F. Hatch
University of Pittsburgh

Dr. Anna M. Baetjer
The Johns Hopkins University

✓ William G. Hazard
Owens-Illinois Glass Company

Robert D. Blasier
Westinghouse Electric Corporation

George A. Jacoby
General Motors Corporation

Dr. Allen D. Brandt
Bethlehem Steel Company

Newell R. Johnson
American Mutual Insurance Alliance

M. F. Crass, Jr.
Manufacturing Chemists' Association, Inc.

Andrew Kalmykow
Assoc. of Casualty & Surety Companies

E. K. Davison
J. K. Davison & Bro.

E. T. Klassen
American Can Company

✓ Dr. Robert B. O'Connor
United States Steel Corporation

Robert T. Ross
Ford Motor Company

Dr. O. A. Sander
Marquette University

Dr. H. H. Schrenk
Industrial Hygiene Foundation

Dr. Kenneth W. Smith
Johns-Manville Corporation

Leo Teplow
American Iron and Steel Institute

Theodore C. Waters
Miles & Stockbridge

Dr. B. B. Wescott
Gulf Research and Development Company

Dr. William P. Yant
Mine Safety Appliances Company

There being no other nominations, a motion was made, seconded, and passed unanimously that the persons named in the report of the Nominating Committee be elected to serve on the Board of Trustees for the year 1962.

Dr. Schrenk then read his report as Managing Director of the Foundation. A copy of this report, entitled Foundation Facts, is included in this report.

The Chairman then opened the meeting for discussion. He stated that a questionnaire had been sent to members to obtain information on environmental health problems which were of major importance to them. The information obtained will serve as a guide to direct research, field studies and services to meet the problems of the Foundation's members.

The Foundation had been considering a Seminar on Noise, but this was tabled pending an analysis to be made of the answers to the questionnaire. These answers should give us a better understanding of the areas in which our members are most interested.

Considerable discussion ensued on the program of the Annual Meeting—that it probably was too technical and subjects that would encourage management to attend might be more desirable.

Mr. Leo Teplow (American Iron and Steel Institute) suggested that more attention be given to the problem of rehabilitation both in the conferences and management sessions. This problem is becoming of increasing importance as both the work population and general population become older.

Mr. Waters expressed concern over the poor attendance and lack of participation on the part of the members at the Membership Meeting. He suggested more publicity and speakers of national importance to increase attendance at future meetings.

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Dr. Paul W. Bachman (Koppers Company, Inc.) commented on a subject that is very important to the Foundation; namely, the establishing of contacts with individuals in member companies who would have a direct interest in the Foundation's activities.

Dr. Schrenk said that better liaison with some of our members is desirable and suggestions as to how we might better reach the persons in a company who should receive notices and other information regarding the Foundation will be welcome.

Mr. S. C. Rothman (The Boeing Company) said that he is in thorough accord with the statement that was made regarding publicity. He further stated that Industrial Hygiene Foundation is one of the finest educational mediums to present to management the importance of industrial hygiene and its coordination with safety programs.

There being no further business to come before this Membership Meeting, the meeting was adjourned at 9:35 a. m.



E. K. Davison
Secretary

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STATEMENT OF CASH & SECURITIES - 1961

Cash on deposit in Mellon Bank at:

January 1, 1961	\$ 66,764.45	
Cash in Savings Account ^{1/}	<u>25,187.50</u>	\$ 91,971.95

Receipts January 1 - September 30, 1961

Membership dues	\$ 40,400.00	
Engineering surveys	6,180.18	
Research laboratory	26,893.96	
Subscriptions to Digest	3,168.89	
Interest on bonds	312.50	
Proceeds from bulletins & misc.	359.99	
Engineering Training Course	<u>1,380.00</u>	<u>78,695.52</u>
		\$ 170,667.47

Disbursements January 1 - September 30, 1961

Mellon Institute (3 quarters)	\$ 114,000.00	
Legal Counsel	2,500.00	
Research Consultant	<u>1,500.00</u>	<u>118,000.00</u>

Total Cash at September 30, 1961 \$ 52,667.47

Estimated Receipts to December 31, 1961

(including advance dues and
subscriptions for 1962) \$ 38,000.00

Disbursements

Mellon Institute (4th quarter)	<u>10,000.00</u>	<u>28,000.00</u>
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Estimated Cash at December 31, 1961 \$ 80,667.47

INCOME AND EXPENSE - 1961^{2/}

Income to December 31, 1961

Membership dues		\$ 59,250.00
Engineering surveys		12,214.33
Research laboratory:		
Contract with industry	\$ 43,832.00	
Government contracts	<u>22,970.59</u>	66,802.59
Subscriptions to Digest		4,743.89
Interest on savings		500.00
Interest on bonds		312.50
Proceeds from bulletins & misc.		450.00
Engineering Training Course		1,380.00
Seminar		<u>600.00</u>
		\$ 146,253.31

Expenditures to December 31, 1961

Mellon Institute Contract		
(includes salaries, operating expense, overhead, and governmental projects)		\$ 140,000.00
Legal Counsel		2,500.00
Research Consultant		<u>1,500.00</u>
		<u>144,000.00</u>

Estimated excess income over expenses
at December 31, 1961. \$ 2,253.31

^{1/} U.S. Government Bonds, Series G, matured. Cash deposited in a Savings Account at Mellon Bank.

^{2/} Actual figures through September 30, 1961. Fourth quarter estimated.



BUDGET FOR 1962

Headquarters & Engineering

Salaries	\$ 46,240.00		
Industrial Hygiene Digest	7,500.00		
Annual Meeting	1,000.00		
Transactions of Annual Meeting	1,000.00		
Operating Expenses	5,000.00		
Survey Expenses	<u>2,500.00</u>	\$ 65,240.00	
Overhead		<u>11,510.00</u>	\$ 76,750.00

Research Laboratory

Salaries	\$ 53,750.00		
Operating Expenses	<u>8,000.00</u>	\$ 61,750.00	
Overhead		<u>10,900.00</u>	<u>72,650.00</u>

Mellon Institute Contract \$149,400.00

Legal Counsel	\$ 2,500.00		
Research Consultant	<u>1,500.00</u>		<u>4,000.00</u>

Total Budget \$153,400.00



FOUNDATION FACTS*

by

H. H. Schrenk, Ph.D., Managing Director
Industrial Hygiene Foundation

More and more attention is being directed to the effects of the environment on the health and well-being of man. The public is concerned about radioactive fall-out, air pollution, food additives, stream pollution and even the exotic hazards of outer space. The publicity given to any one of these areas reflects on the others. A problem of this scope and public interest inevitably brings exaggeration, misinformation and demands for regulations and controls of hazards some of which are nebulous and ill-defined. These pressures frequently result in conclusions and actions which are not justified on the present state of knowledge.

It is reasonable to demand that the creation of new materials for the purpose of benefiting mankind carries with it the responsibility to make certain that the usefulness is not outweighed by risks to health. Our industrial, agricultural and economic progress is dependent upon our research and development. We cannot regress, neither can we afford to inhibit progress by unfounded fears and apprehensions. The same scientific endeavor, technical knowledge, and wise industrial administration used in developing new materials and processes can be used to raise the standards of health and welfare of workers and consumers alike. This concept is not new, and has been followed for many years, but we are now entering an era when greater emphasis must be placed on the health aspects than ever before.

During the past year, the Foundation has directed its efforts toward assisting its member companies to meet this new challenge through laboratory research, field investigations, training courses, seminars, and informational services.

Toxicological studies of the range-finding type completed on many products indicated that the oral toxicity of the majority was of a relatively low order. However, a significant number was found to have potential hazards owing to severe skin and eye irritation and a few from skin absorption.

* Presented at 26th Annual Meeting of Industrial Hygiene Foundation, October 25-26, 1961, Pittsburgh, Pa.

Six major long-term projects in progress for over a year deal with fundamental and applied aspects of the carcinogenic action by intratracheal and skin application and with the pneumoconioses and related subjects. It was found that a quartz dust acting in conjunction with tuberculin on sensitized lung tissue invoked an exaggerated tissue response resembling experimental silicotuberculosis. Similarly, dead tubercle bacilli in conjunction with quartz also caused an inflammation which resembles tuberculosilicosis. In another investigation, it was found that when pulmonary edema was superimposed on lungs which were handicapped, either by a large dust burden or atelectasis, a greater incidence of mortality occurred than when the same degree of pulmonary edema was superimposed upon normal lungs.

Additional information was obtained on the basic reaction of the alveolar wall to chronic low-grade irritants, a reaction which is the initial process in a wide variety of chronic pulmonary diseases. Such fundamental information becomes more important as need to measure long-term effects of low level exposure to a multiplicity of contaminants increases.

In-plant environmental studies were conducted in potteries, foundries, chemical plants, a refinery and a limestone mine. Dusts, metal fumes, hydrogen sulfide, carbon monoxide, aldehydes, and diisocyanates were substances of major concern. These studies demonstrated an awareness on the part of management of the potential hazards associated with plant operations and the need for periodic, quantitative reevaluations to assure that control measures were being maintained in an effective manner. Engineering assistance was given to a member company in the design of a new plant to incorporate the most effective health protection measures. An outdoor sulfur dioxide survey was conducted during the summer and winter months to provide a continuing baseline of the concentration of this gas in the vicinity of the plant.

During the year, over 1200 abstracts were published in the Industrial Hygiene Digest. A list of the periodicals abstracted in the Digest was prepared and sent to our member companies. The Transactions of our 1960 Annual Meeting were published as the entire March 1961 issue of the Archives of Environmental Health. In addition, five papers were published and seven others were accepted for publication in technical journals. These papers presented data which add significantly to our knowledge of the response of the lungs to chronic irritants.

Technical information and advice was given by telephone and letter on a host of subjects covering all aspects of environmental health. One of our members, who had been

given specific information on their dust problem wrote and thanked us for this assistance and stated "Your advice and references have 'cleared the air' enabling us to face our atmospheric pollution with something more than doubt and suspicion."

A second training course for industrial hygiene engineers and chemists was conducted in cooperation with the Occupational Health Research Training Facility of the U. S. Public Health Service. An intensive two weeks was devoted to work in the laboratory and lectures. The response of those taking the course is evidence of the benefits to be derived from this activity and it is planned to repeat the course in 1962. A two-day seminar on the current aspects of the dust problem was conducted under the sponsorship of the National Industrial Sand Association and the Foundry Facings Manufacturers Association. This provided an opportunity for the members of these associations to obtain up-to-date information on the medical, engineering and legal aspects of problems associated with their operations.

The Foundation provides an opportunity for representatives of industry to come together as working groups to explore and better define what they are doing and to take leadership in planning and developing policies to anticipate and prepare for new problems which we must face in the future. The real strength of the Foundation is in the unified action of its members.

On behalf of the staff, I wish to express our deep appreciation for the helpful and encouraging support and the valuable contributions of the Board of Trustees and its Executive Committee, the Technical Committees, and the executive staff of Mellon Institute.

NEW MEMBERS - 1961

American Viscose Corporation
Armco Steel Corporation
Butler County Mushroom Farm, Inc.
The Cooper-Bessemer Corporation
Davison Chemical Division,
W. R. Grace & Company
Ferro-Glo Corporation
Hanley Company
Hughson Chemical Company
Powdered Products Company
Westinghouse Brake & Signal, Ltd.
West Virginia Pulp and Paper Company

PUBLICATIONS AND REPRINTS

The monthly Industrial Hygiene Digest (Vol. 25) and Annual Index was sent to representatives of member companies and special subscribers. Each year, approximately 1200 abstracts of the current world's literature on all phases of industrial health are included in the Digest.

A List of Periodicals Abstracted in the Industrial Hygiene Digest, which includes the address of the publisher, was prepared for the convenience of members who wish to obtain papers that have been abstracted in the Digest.

The Transactions of the 25th Annual Meeting were published as the entire March, 1961 issue of the Archives of Environmental Health and have been distributed to the membership. Reprints of the following articles from the Transactions are available upon request:

"Legal Considerations in Drafting Warning Labels." J. D. Kittelton.

"Rocket Propellants." H. M. Bowman.

"Emphysema, Pneumoconioses and Compensation." A Panel Discussion.

"G Men on Job Hazards"---Industrial hygienists take over to cope with health problems in our advancing technology---reprinted from the Journal of American Insurance, January, 1961.

The following articles, prepared by staff members, were published in technical journals since the last Annual Meeting. Reprints are available upon request.

"Tuberculosilicosis: A Study of Its Synergistic Mechanism." P. Gross, M. L. Westrick and J. M. McNerney. J. Occ. Med. 2:571-575, 1960.

"The Mortality from Sublethal Pulmonary Edema Superimposed upon Pneumoconiosis or Atelectasis." P. Gross, M. L. Westrick, and J. M. McNerney. Am. Ind. Hyg. Assoc. J. 22:90-92, 1961.

"Experimental Tuberculosilicosis: A Comparison of the Effects Produced by Some of Its Various Pathogenic Components." P. Gross, M. L. Westrick, and J. M. McNerney. Am. Rev. Resp. Dis. 83:510-527, 1961.

"Autocatalysis of Pulmonary Edema." P. Gross, M. L. Westrick, and J. M. McNerney. J. Occ. Med. 3:258-261, 1961.

"For Safe Use of Benzene, Toluene, Xylene." H. H. Schrenk. The Magazine of Standards 32:138-139, 1961.

"Detachment of Sections of Tissue. Its Prevention." Ethel B. Tolker and P. Gross. Am. J. Clin. Path. 36:188, 1961.

"Morphology of Pulmonary Alveolar Reticulin Tissue." P. Gross. Arch. Path. 72:438-445, 1961.

"The Allergic Aspects of Air Pollution. Pulmonary Pathology." P. Gross. Arch. Environmental Health 3:379-386, 1961.



DR. BLAINE B. WESCOTT ELECTED BOARD CHAIRMAN

AND

THEODORE F. HATCH ELECTED TREASURER

At the Board of Trustees Meeting on October 26, 1961, Dr. William P. Yant resigned as Chairman of the Board, and Dr. Blaine B. Wescott was elected to succeed him. Mr. Theodore F. Hatch was elected Treasurer.



Dr. Blaine B. Wescott, Vice President-Research, Gulf Oil Corporation, has been a member of the Foundation's Board of Trustees since 1959.

Dr. Wescott first became associated with Gulf when he was on the Gulf Production Fellowship at Mellon Institute in 1927. Gulf Research & Development Co. was an outgrowth of this fellowship. From 1930-46 he was Chief, Materials & Production Chemistry Div. of Gulf. Since 1946, he has been engaged in the direction and management of Gulf Research & Development Co. In 1951 he was appointed Assoc. Director of Research and in 1954 became Executive Vice President and a Director of the Company. During the same year he was elected Vice President and a Director of Dominion Gulf Co. and of Gulf Minerals Co., and in 1955 was elected Vice President-Research, Gulf Oil Corp. In 1957 he was elected a Director of Callery Chemical Company.

During his career with Gulf, Dr. Wescott has been active in American Petroleum Institute work, and was awarded the API Certificate of Appreciation for work in promoting the API Standardization Program. He also received a Certificate of Service from the American Standards Association for work on war committees, and the Distinguished Service Award of the American Society for Metals for contributing to applications of alloy steel in the oil industry.



Mr. Theodore F. Hatch has been associated with I-H-F since 1945; as Research Director until 1949; as Research Adviser since then; and on the Board of Trustees since 1958.

Since 1949 he has been Professor of Industrial Health Engineering, Graduate School of Public Health, University of Pittsburgh, where he took part in organizing the new Graduate School of Public Health and Department of Occupational Health. Currently, he is also consultant to the Tennessee Valley Authority, Atomic Energy Commission, Army Chemical Center, U. S. Public Health Service, and numerous industries throughout the U. S.

Mr. Hatch has gained international recognition and has given lectures on occupational health in Sweden, Germany, Austria, Switzerland, Holland, England, South Africa, Colombia, Brazil, Venezuela, Chile, and Peru. He was the Senior Fulbright Scholar and Visiting Lecturer, London University School of Hygiene & Tropical Medicine in 1957 and also participated in a Symposium on Inhaled Aerosols and Vapors at Oxford University in 1960. In further recognition of his achievements, he has received the Legion of Merit (U. S.), Cummings Memorial Award of the Am. Industrial Hygiene Assoc., Citation of Excellence in Medical Authorship of the Industrial Medical Assoc., and Award of the American Society of Mechanical Engineers as organizer of Group on Human Factors in Engineering.

OFFICERS AND MEMBERS OF I-H-F BOARD OF TRUSTEES FOR 1962

Chairman: Dr. B. B. Wescott
Vice Chairman: Dr. K. W. Smith
Secretary: Mr. E. K. Davison
Treasurer: Mr. T. F. Hatch
Managing Director: Dr. H. H. Schrenk
Legal Counsel: Mr. T. C. Waters

Earle T. Andrews, Vice President
Pennsylvania Glass Sand Corporation
Hancock, West Virginia

Dr. Paul W. Bachman, Vice President and
Director of Research and Development
Koppers Company, Inc.
Koppers Building, Pittsburgh 19, Pa.

Dr. Anna M. Baetjer
School of Hygiene & Public Health
The Johns Hopkins University
615 North Wolfe Street, Baltimore 5, Md.

Robert D. Blasier
Vice President, Industrial Relations
Westinghouse Electric Corporation
Gateway Building 3, Pittsburgh 30, Pa.

Dr. Allen D. Brandt, Manager
Industrial Health Engineering
Bethlehem Steel Company
Bethlehem, Pa.

M. F. Crass, Jr., Secretary-Treasurer
Manufacturing Chemists' Assoc., Inc.
1825 Connecticut Avenue, N. W.
Washington 9, D. C.

E. K. Davison, President
J. K. Davison & Bro.
42nd and Davison Streets, Pittsburgh 1, Pa.

Andrew Fletcher, Chairman
St. Joseph Lead Company
250 Park Avenue, New York 17, N. Y.

Theodore F. Hatch
Graduate School of Public Health
University of Pittsburgh
Pittsburgh 13, Pa.

William G. Hazard
Industrial Relations Division
Owens-Illinois Glass Company
Toledo 1, Ohio

George A. Jacoby
Director of Personnel Relations
General Motors Corporation
3044 West Grand Boulevard
Detroit 2, Michigan

Newell R. Johnson, General Manager
American Mutual Insurance Alliance
20 N. Wacker Drive, Chicago 6, Illinois

Andrew Kalmykow, Manager
Casualty Department
Assoc. of Casualty & Surety Companies
60 John Street, New York 38, N. Y.

E. T. Klassen
Vice President, Industrial Relations
American Can Company
100 Park Avenue, New York 17, N. Y.

Dr. Robert B. O'Connor, Medical Director
United States Steel Corporation
525 William Penn Place, Pittsburgh 30, Pa.

Robert T. Ross
Manager of Employee Services
Ford Motor Company
The American Road, Dearborn, Michigan

Dr. O. A. Sander
(School of Medicine, Marquette University)
710 N. Plankinton Ave., Milwaukee 3, Wisc.

Dr. H. H. Schrenk, Managing Director
Industrial Hygiene Foundation
4400 Fifth Avenue, Pittsburgh 13, Pa.

Dr. Kenneth W. Smith, Medical Director
Johns-Manville Corporation
22 East 40th Street, New York 16, N. Y.

Leo Teplow, Assistant Vice President
American Iron and Steel Institute
150 East 42nd Street, New York 17, N. Y.

Theodore C. Waters
Miles & Stockbridge
10 Light Street, Baltimore 2, Maryland

Dr. B. B. Wescott, Executive Vice President
Gulf Research & Development Company
P. O. Drawer 2038, Pittsburgh 30, Pa.

Dr. William P. Yant
Research Consultant to the President
Mine Safety Appliances Company
100 North Braddock Avenue
Pittsburgh 8, Pa.

INDUSTRIAL HYGIENE FOUNDATION

26th ANNUAL MEETING

October 25-26, 1961

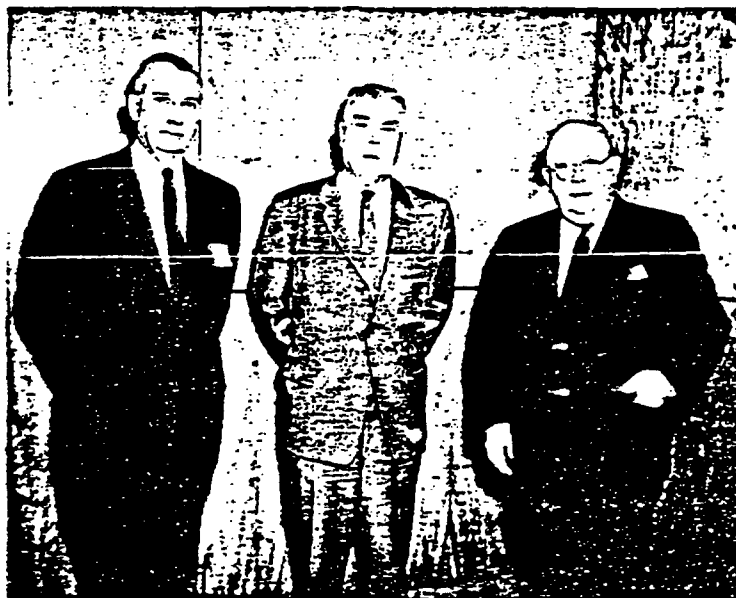


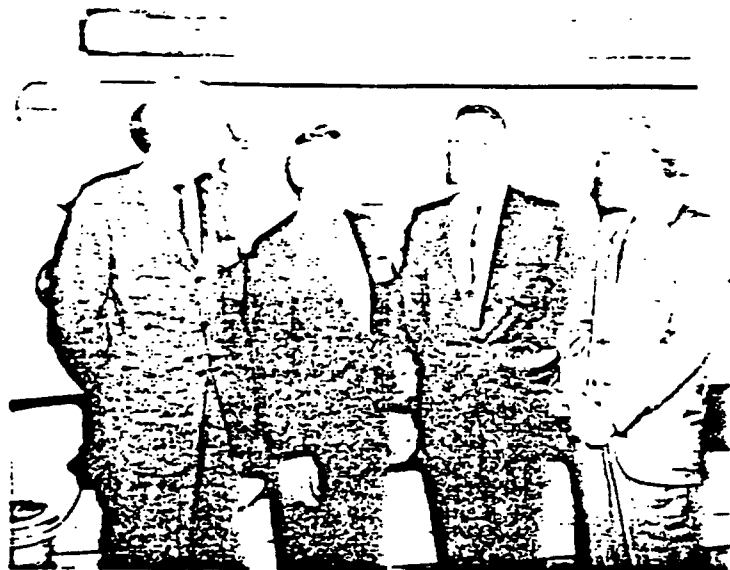
The 26th Annual Meeting of I-H-F held in Mellon Institute, Pittsburgh, Pa., October 25-26, was attended by over 400 representatives of industrial management and the health professions. There were many excellent papers presented at the meeting which served to bring about a clearer understanding of the many problems involved in health maintenance.

The Transactions will be published in the March 1962 issue of the Archives of Environmental Health, and copies will be mailed to members.

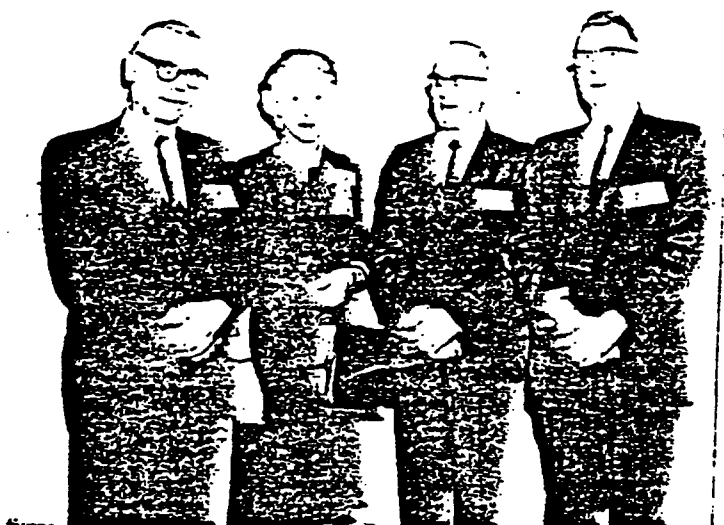
Dr. H. H. Schrenk (R), Managing Director of Industrial Hygiene Foundation is shown with Dr. Philip Drinker professor emeritus, Harvard School of Public Health, who spoke on "Health Aspects of Air Pollution".

Dr. H. H. Schrenk, Managing Director of the Foundation; Dr. Paul C. Cross, President and Chief Executive Officer of Mellon Institute; and Dr. William P. Yant, Research Consultant to the President, Mine Safety Appliances Company. Dr. Cross welcomed the Foundation's members and guests to Mellon Institute.





The Safety and Industrial Hygiene Program at Inco Copper Co., Sewell, Ohio, was presented by S. M. Jarrett, Director of Safety & Industrial Hygiene at the Engineering Conference. Shown with Dr. Jarrett (third from left) are: Dr. W. D. Brandt (Chairman), Bethlehem Steel Co.; Dr. L. V. Gralley (Co-Chairman), Aluminum Co. of America; and Theodore F. Hatch, University of Pittsburgh.



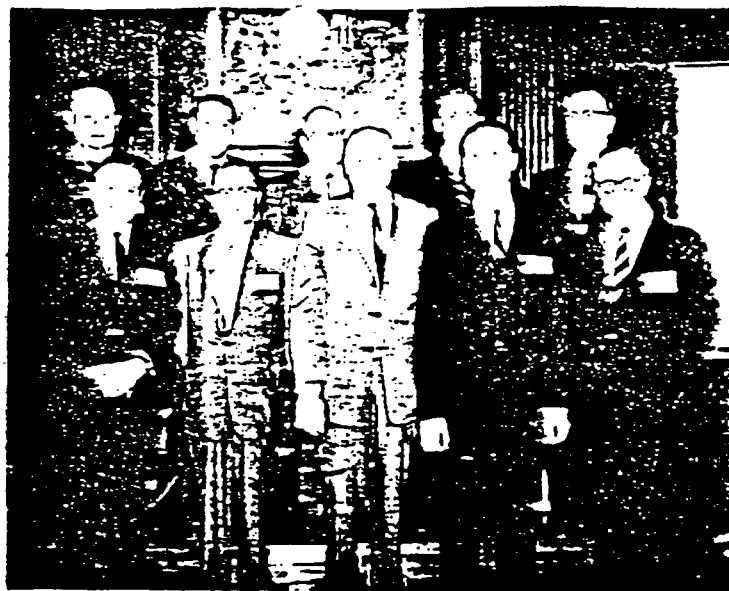
At the Medical—Chemical—Toxicological Conference, Dr. Anna M. Baetjer (Chairman), The Johns Hopkins University, discusses the afternoon program with: Dr. John A. Zapp, Jr., Haskell Laboratory, du Pont; Dr. Paul Gross, Industrial Hygiene Foundation; and Dr. J. F. Treon, Atlas Chemical Industries, Inc.



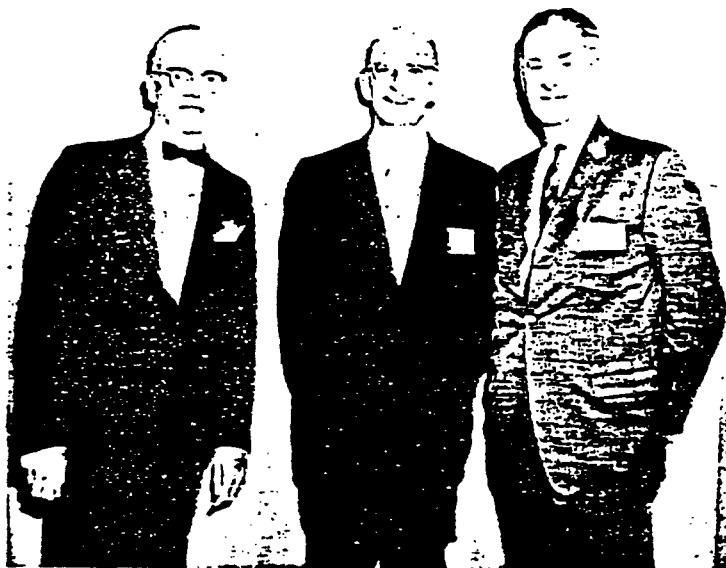
A panel discussion on "The Lungs, the Environment and Compensation" at the Joint Medical—Legal Conference by: Dr. A. J. Vorwald, Wayne State University; J. L. Hill, Ford Motor Co.; Dr. G. W. Wright, St. Luke's Hospital; W. C. Hartman, Squire, Sanders & Dempsey; Dr. O. A. Sander (Moderator), Marquette University; and T.C. Waters, Miles & Stockbridge.

SF H018136

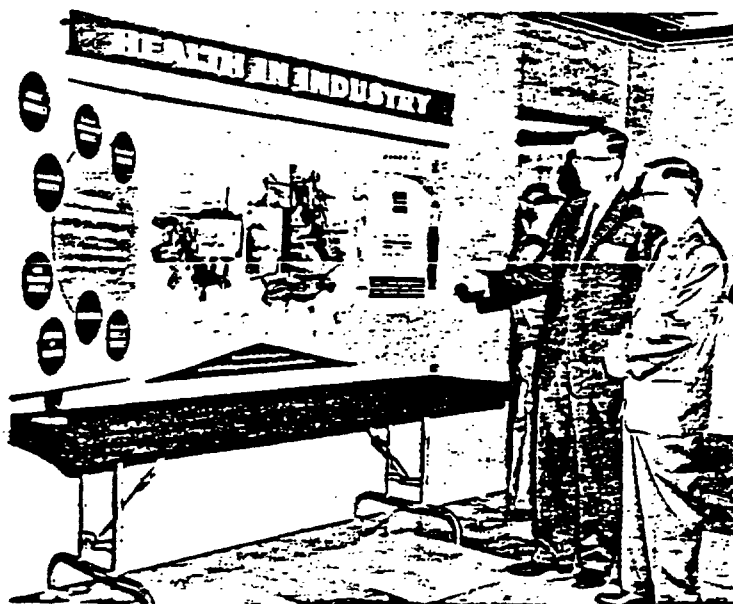
Legal Committee members who attended the Legal Conference are (left to right): T. C. Waters, Miles & Stockbridge; W. C. Hartman, Squire, Sanders & Dempsey; R. B. Rady, Republic Steel Corp.; J. L. Hill, Ford Motor Co.; D. W. Stitt, Continental Can Co.; O. T. Clayton, Esso Standard Oil Co.; Douglas Soutar, American Smelting & Refining Co.; Andrew Kalmykow, Assoc. of Casualty and Surety Companies; H. M. Jackson, Johns-Manville Corp.; and Theodore Hetzler, Jr., National Assoc. of Mutual Casualty Companies.



Speakers at the Management Conference on Thursday afternoon are: Dr. T. W. Nale, Union Carbide Corp.; H. N. Doyle, U.S. Public Health Service; and Dr. C. R. Williams, Liberty Mutual Insurance Company.



Mr. K. W. Nelson, American Smelting and Refining Co., and R. J. Beaman, Jr., Procter and Gamble Co., at the Foundation's exhibit on Health in Industry.



'Aerial Garbage,' He Declares

Pollution Expert Blasts Exhaust Fumes

Letting motor vehicles spew their exhaust onto city streets is no less a violation of good sense than letting people dump their garbage on the sidewalks.

That's the opinion of Philip Drinker, Jr., a leading expert on air pollution.

dangerous to the public health because of the U. S. Drinker.

had a dangerous and highly dangerous.

A highly dangerous state in pollution, he commented, is a signal — by law — for the authorities to call an immediate halt to all activities, industrial or otherwise, which by contribute to pollution.

Dr. Philip Drinker, Jr., of the Assn. of Mutual Cos., another formed the foundation of 200 workmen's compensation bills passed during the past year in the U. S. have contributed to overall rises in the cost of the compensation programs.



DR. PHILIP DRINKER
Praises clean skies here.

Some Foods May Trigger Start of Tissue Cancer

By ALBERT W. BLOOM
Pittsburgh Post-Gazette Staff Writer

What you eat and what you breathe may contain unknown "chemical triggers" that start cancer, according to a University of Pittsburgh health scientist.

"The alimentary tract is a high road to carcinoma (cancer) of the digestive tract," said Dr. E. Peel, associate professor of Public Health at the University of Pittsburgh.

Dr. Peel addressed the annual meeting of the Mellon Institute of Industrial Hygiene Foundation, which is being held here.

As far as the highway, Dr. Philip Drinker, professor of Public Health at the Mellon Institute, told the annual meeting of the Mellon Institute of Industrial Hygiene Foundation, which is being held here.

"Elevators in buildings have a passenger limit and theaters have an audience limit. The size of the most point where cities may have to set limits on the number of vehicles that may travel on highways whether they emit pollutants (into the air we breathe) or not."

Motorists Dump Garbage

He added that "up to now we have permitted motorists to dump their aerial garbage wherever they chose, just as be tossed into the gutters of our cities not so long ago."

"We can and must reduce pollution to reasonable levels, but why imply that air pollution is a cause of cancer."

may be getting in the food tract can cause cancer in organs distant from it. It demonstrates that these cancer in mice may be related to human cancers, since these human cells from mice told apart from cancer cells.

Pittsburgh Post-Gazette

SECOND SECTION

Sun-Telegraph

SATURDAY, OCTOBER 28, 1961

Health Expert Attacks Air Pollution

City Limit on Car Use Seen

By ALBERT W. BLOOM
Pittsburgh Post-Gazette Staff Writer

The time is not far off when a car might have to be a private car, that is, one that is worth getting rid of.

California Takes Action
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The two-year study used two known chemicals known to cause cancer in animals: benzopyrene and methyl choleanthrene. Benzopyrene is related to coal tar products like charring meat. Methyl choleanthrene is a man-made chemical similar to body hormones.

Development in Pittsburgh. The fuel cell principle converts the chemical energy of fuel directly into electrical energy to operate an electric motor, he explained. Even though it will take many years before the fuel cell will compete with the gasoline engine.

Dr. Philip Drinker, Jr., of the Assn. of Mutual Cos., another formed the foundation of 200 workmen's compensation bills passed during the past year in the U. S. have contributed to overall rises in the cost of the compensation programs.

Hygiene Group Meet Here

Sunday Post-Sunday, Oct. 22, 1961

Industrial Hygiene Foundation to Meet Here

Five-hundred delegates will participate in the 26th annual meeting of the Industrial Hygiene Foundation at Mellon Institute on Wednesday and Thursday.

They will deal with the future of physical and mental health from a standpoint of man's total complex modern life.

Members of the board of trustees will be elected for 1962. Other program highlights will include talks on the increase in ozone from motor vehicle exhaust gases, industrial and household solvents, duplication of workmen's compensation in Social Security.

PITTSBURGH POST-GAZETTE: SUNDAY, OCTOBER 22, 1961.

benefits, and the facts about plastic, including plastic-lined trying pans.

