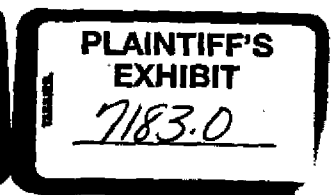


**TWENTY-EIGHTH
ANNUAL MEMBERSHIP MEETING**
October 23, 1963

and

SUMMARY OF 1963 ACTIVITIES

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



INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.

MELLON INSTITUTE, 4400 FIFTH AVENUE

PITTSBURGH 13, PA.

To the Members of
INDUSTRIAL HYGIENE FOUNDATION:

The purpose of my remarks is to advise you concerning the 1963 and 1964 Annual Meetings, the plans and hopes of the Foundation, and to thank those of you who have, by letter or personally, welcomed me to the Foundation and indicated willingness to assist in developing the full potential of the Foundation.

As you know, the Annual Meeting this year was prepared by the Trustees to review progress in industrial hygiene in the past 50 years in honor of the celebration this year of the 50th Anniversary of Mellon Institute. The Transactions have been accepted by the Editor of the Archives of Environmental Health and will appear in the March 1964 issue. The authors who spoke on progress to date have much to tell us about how to succeed in programs of industrial hygiene, if we will listen carefully; and representatives of management, government, and labor, speaking on industrial hygiene in the 1960's, have predicted the climate in which we will be working. The luncheon speaker, Senator Charles R. Weiner, Pennsylvania Senate Minority Leader, speaking on "Social Progress and the Law" raised the question "What can we do to prevent conditions in industry which are known to be harmful to the employees or the public in one way or another and yet not create conditions which result in our losing existing industries or cause potential industries to decide not to come into our state?" Senator Weiner feels the answer is compromise, with legislators arbitrating between interested groups of persons. If a bad bill is written as a result of lack of knowledge and judgment, in his opinion, it may be traced to indifference of the public, including scientists and professional personnel. He urged us to follow closely the progress of proposed technical legislation and to contribute, if possible, through liaison with our representatives in government.

The general tone of critical comments received since the meeting has been that it was highly successful, but that future meetings should, if possible, include reports more highly technical in nature to assist industrial hygiene personnel in the transition which rapidly changing technology requires. Foundation committees are currently preparing suggestions for next year's meeting, and it is hoped that you will communicate with them if you have suggestions for subjects or speakers.

One of the major innovations in 1963 has been editorials and full-length articles in the Industrial Hygiene Digest, and resumption of publication of special series bulletins. The November and December issues of the Digest, dealing with a serious threat to workmen's compensation and proposed changes in the Walsh-Healey Act, concern matters currently under consideration at the federal level on which our members may wish to take action.

It is our desire to let the Foundation develop its potential services to the membership more fully and it is essential that we receive your guidance in order to set practical, realistic, and timely goals. I hope that each of you will feel free to communicate directly with me at any time concerning problems in industrial health or ways of improving the effectiveness of the Foundation's programs.

It is extremely gratifying to be associated with you, the Board of Trustees, and Committees of the Foundation in such a challenging endeavor and, with your help, we will make 1964 an outstanding year in the history of IHF.

The Foundation's staff joins me in wishing each of you happiness in the holiday season and success in the new year!

Sincerely yours,



Robert T. P. deTreville, M.D.
Managing Director

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.

MINUTES

MEETING OF MEMBERS

Pittsburgh, Pennsylvania
October 23, 1963

The Annual Meeting of the Members of the Industrial Hygiene Foundation of America, Inc., was held at Mellon Institute, Pittsburgh, Pennsylvania, on Wednesday, October 23, 1963, at 4:30 p.m., pursuant to notice. Dr. Blaine B. Wescott, Chairman of the Board of Trustees, presided.

Mr. T. C. Waters, who had been previously appointed by the Chairman to examine the proxies, reported that there were 151 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.

Since there were no objections or correction to the minutes which were mailed to all member companies following the October 25, 1962 meeting, a motion was passed to dispense with the reading of the minutes. The Chairman stated that the Minute Book was available and open at the meeting for inspection by members.

Dr. Wescott read the following statement in memory of Dr. William P. Yant:

"In Memory of William Parks Yant
Industrial Hygiene Foundation 1935 - 1963"

" William Parks Yant died at Grand Central Hospital, New York City, at 5:30 p.m., Tuesday, January 29, 1963. For many years, he had served as Research Consultant to the President of the Mine Safety Appliances Company; he also served as a member of the Research Advisory Council and Chemical-Toxicological Committee of the Industrial Hygiene Foundation of America, Inc.; since the organization of the Foundation in 1935, he served as a faithful member of the Board of Trustees and succeeded to become Chairman of the Board of Trustees from 1958-1961.

" Dr. Yant was a pioneer and internationally recognized authority in the field of industrial hygiene; he participated in the formation of the Industrial Hygiene Foundation of America, Inc., and made unlimited contributions of his time, energy and experience to the progress of the Foundation. His strong personal concern for the Foundation was a dominant element in the Foundation's achievements.

" His interest in industrial hygiene has been ascribed to his concern for "any activity which would lead to greater health, comfort and safety for human beings". His plans were large and as a result millions of workers in industry have benefited by his untiring efforts to safeguard their health.

"Dr. Yant received many honors in the distinguished service that he rendered to science. He served as chairman and councilor of various committees and sections devoted to his primary interest.

"He was married in 1933 to Elizabeth M. Grossman and is survived by three children, William Parks, Jr., a student at Ohio Northern University; Mrs. Gretchen Elizabeth Robinson of Ada, Ohio; and Susan Jane, a student at Pennsylvania State University; and one grandchild. His home was in Murrysville, Pennsylvania.

"His services have extended to all member companies and he has always discharged responsibilities assigned to him with exceptional ability, rugged honesty, and fidelity to the welfare of this Foundation and to industry. In his relationship with members, he has been an esteemed and valued personal friend and able business associate. His humility, character and attractive personality won for him the respect and affectionate regard of all with whom he came in contact, and it may well be said of him that he devoted his life and talents to the protection against illness of others and control and correction of industrial hazards to enable his fellow men to have better and safer conditions under which to perform their daily tasks.

"It is therefore fitting that we should record our recognition of our distinguished fellow member and regret with heartfelt sorrow his loss and commend his high character and kindly demeanor as an ideal of personal conduct and as an example to his fellowman.

"NOW, THEREFORE, BE IT RESOLVED that out of respect for the memory of our deceased friend and in recognition of his valued services to industry and to the Foundation, we direct that these resolutions be spread upon the minutes of this meeting and that a copy of them be sent to the family of William Parks Yant as a token of the sympathy and regard of the members of this Foundation."

A motion was made, seconded, and unanimously carried that this resolution be adopted.

The Chairman called on Mr. E. K. Davison, 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 1964, and (2) A slate of nominations for members of the Board to serve during the year 1964. Mr. Davison 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

Chester L. Arnold
Stauffer Chemical Company

Dr. Paul-W. Bachman
Koppers Company, Inc.

Dr. Anna M. Baetjer
Johns Hopkins University

Robert D. Blasier
Westinghouse Electric Corporation

M. F. Crass, Jr.
Manufacturing Chemists Association

Lawrence A. Coleman
Allied Chemical Corporation

E. K. Davison
Davison Sand & Gravel Company

Dr. Robert T. P. deTreville
Industrial Hygiene Foundation

Andrew Fletcher
St. Joseph Lead Company

Theodore F. Hatch
University of Pittsburgh

W. G. Hazard
Owens-Illinois Glass Company

Andrew Kalmykow
Assn. of Casualty & Surety Companies

Harold S. McFarland
General Motors Corporation

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

Robert T. Ross
Ford Motor Company

Elgin D. Sallee
American Can Company

Dr. O. A. Sander
Marquette University

Dr. John F. Shronts
General Mills, Inc.

Dr. G. R. Simmons
Western Electric Company

Dr. Kenneth W. Smith
Johns-Manville Corporation

Leo Teplow
American Iron & Steel Institute

Dr. Joseph F. Treon
Atlas Chemical Industries, Inc.

Theodore C. Waters
Miles & Stockbridge

Dr. G. Arthur Webb
Mellon Institute

Dr. Blaine B. Wescott
MPC Corporation

Paul S. Wise
American Mutual Insurance Alliance

Dr. John A. Zapp, Jr.
E. I. du Pont de Nemours & 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 1964.

The Chairman called upon Mr. T. F. Hatch to submit his report as Treasurer of the Foundation. Mr. Hatch summarized the financial statement pointing out that, by using actual figures to September 30 and estimating to December 31, we expect to end the year 1963 with total cash and savings of about \$89,965.08, and will have an estimated excess expense over income of \$13,073.65. With regard to membership in 1963, five companies joined the Foundation, one member increased their dues, and nine members resigned, thus leaving us with a decrease in dues of \$1,225.00 as of September 30. Based upon anticipated income and expense for 1964, we propose a total budget of \$180,500.00. Because of several contracts with the National Institutes of Health, which are conducted through Mellon Institute, the Foundation will receive salary credits amounting to about \$39,000.00. Mr. Hatch moved that a contract be approved for 1964 between Mellon Institute and Industrial Hygiene Foundation in the sum of \$139,000.00 covering the major cost of operation of the Foundation during the year 1964. This motion was seconded and unanimously passed. Following presentation of the Treasurer's report, it was moved, seconded, and passed that the Treasurer's report be accepted.

The Chairman explained that the Foundation, since its inception, has received continuous financial support from Mellon Institute. From 1935 until 1958, this amount was significantly higher than at present, but a review of experience indicates that an average grant of about \$30,000.00 has been made to the Foundation each year since 1958. It has been the generous supplementary contribution from Mellon Institute which has enabled IHF to continue its operations for 28 years without modification of its dues structure. It was taken into account by the Board in 1963 that it

would be necessary to operate at a deficit for perhaps two to three years in order to reorganize and overhaul the Foundation in an attempt to breathe new life into it. The 1963 deficit was, therefore, anticipated.

Dr. deTreville then read his report as Managing Director of the Foundation. (A copy of his remarks entitled "Foundation Facts" is included in this report.)

The Chairman then opened the meeting for general discussion.

Dr. deTreville reported that the Foundation's Technical Committees had all held luncheon meetings that day and had advised him that they would like time to plan a full, highly technical program for next year. This will be done, even if it is found necessary to extend the meeting for an additional day in order to respond to the needs of our members.

There being no further business to come before this Membership Meeting, the meeting was adjourned at 5:00 p.m.

E. K. Davison
Secretary

FOUNDATION FACTS*

by

Robert T. P. deTreville, M.D., Managing Director
Industrial Hygiene Foundation

I. Organization

Industrial Hygiene Foundation of America, Inc., is a non-profit research association of industries for advancing industrial hygiene and occupational health, improving working conditions and bettering human relations. An independent research fellowship at Mellon Institute, Pittsburgh, IHF is made up of almost 400 member companies. These companies manage the Foundation under a constitution and Code of Regulations, by means of a Board of Trustees. The Trustees are drawn chiefly from industrial management of the membership, but include representatives from universities, as shown in the program for the Annual Meeting this year. The work of the Foundation is carried on by a Managing Director and staff, consultants, and committees: Chemical-Toxicological, Engineering, Legal, Medical, and Nursing.

II. Functions

The Office of the Managing Director administers IHF programs, budget, membership applications, correspondence, contracting, public relations and personnel under the supervision of the Board of Trustees and within general administrative policies of Mellon Institute, and is responsible for maintaining high professional, technical, and ethical standards, and for assuring that the work of the Foundation proceeds in a businesslike and effective manner toward accomplishment of stated goals. The Managing Director is assisted by professional and technical staff members.

Research Laboratory Division - Dr. Paul Gross, Research Pathologist, provides highly specialized scientific advice in the evaluation of research needs of member companies and in the design of experiments for solving specific problems. He also initiates and designs investigations for submission to the National Institutes of Health. He supervises the IHF Research Lab and interprets the results of pathological and toxicological studies, and provides liaison with other leading scientists. He is assisted in all research functions by Mr. James M. McNerney, Research Toxicologist, who administers projects and personnel of the lab.

In our Engineering and Analytical Division, Mr. William J. Schreiber, Industrial Hygiene Engineer, performs industrial hygiene surveys, including stack samples, in-plant; performs physical and chemical analyses of samples collected. Provides technical assistance to

* Presented at 28th Annual Meeting of Industrial Hygiene Foundation, October 23-24, 1963, Pittsburgh, Pa.

member companies. Arranges highly technical assistance from Mellon Institute or other specialized labs as required. Studies performed include noise, radiation, heat, chemical and dust measurements. Assistance is provided in design of proper controls in new plant or process design. Provides industrial hygiene engineering support to Mellon Institute in certain research projects. Provides liaison with other engineers and scientists in fields of atmospheric pollution control, noise abatement, stream pollution control, etc.

In the Technical Library Division, Dr. John Metschl, Editor, prepares the monthly Industrial Hygiene Digest by abstracting, classifying and editing articles from scientific and technical journals. He maintains the technical literature file and searches these files for information required by member company representatives. He also maintains liaison with other such services in industry, government, private institutions and universities.

III. Services Provided during 1963

A. Regular services provided by IHF have been:

1) Industrial Hygiene Digest contains approximately 100 abstracts each month which are grouped by subject. We are attempting to broaden the scope of the Digest by introducing special editorials and full-length articles which we believe will be of particular interest to management. Examples of these appeared in the Industrial Hygiene Digest during the year.

2) Bulletins - This year, three new bulletins were issued in our special series: Legal Bulletin No. 4 on the Current Status of Compensation for Pneumoconioses; Engineering Bulletin No. 5 on International Audiometric Zero; and Chemical-Toxicological Bulletin No. 2 on Hygienic Guides. The Transactions of the 27th Annual Meeting were published as the March 1963 issue of the Archives of Environmental Health and were distributed to all members.

3) There continued to be requests for information on a wide range of subjects. One such inquiry was received on electromagnetic radiation, and resulted in the supplement to the American Conference of Governmental Industrial Hygienists Threshold Limit Values published in the September Digest. Representatives of four industries met with us to propose or review industry-wide research projects. Two members requested our coordination on products sales brochures regarding health hazard controls. Another member requested coordination on a training film on industrial hygiene.

4) Seminars and training programs - Seminars are being prepared for two institutes on prevention of silicosis and welding hazards. Because of availability of training programs in the Public Health Service, it was not considered necessary to hold the basic course in industrial

hygiene this year. However, special training on highly technical aspects of industrial hygiene and air pollution control was conducted for one member company and for several IHF consultants.

B. Research performed by IHF has been in the following general areas:

1) Basic and applied toxicological research - The basic research undertaken by the Foundation belongs in three categories: that sponsored by the National Institutes of Health, that sponsored by industry, and that which is unsponsored.

Most of our basic research has been and is being sponsored by the National Institutes of Health. One of the problems under investigation is concerned with the conditions or factors that govern the rate at which the lungs cleanse themselves of inhaled dust. Our working hypothesis is that adequate respiratory excursions of the lung tissue are necessary for the self-cleaning mechanism by which the respiratory tract removes approximately 98% of the inhaled dust. A second project is concerned with the study of a method for the production of experimental lung cancer which could serve as a model for determining the lung cancer producing hazard of certain industrial chemicals. Although we have been successful in producing lung cancers in animals, we do not believe that the method is sufficiently sensitive at present. A third investigation sponsored by the NIH deals with the factors involved in spontaneous regression of chronic pneumonitis, using experimentally produced early silicosis as a model. The fourth and last study under this category is concerned with the relationship which has been found in the asbestos textile industry between lung cancer and asbestosis.

At the present time, we have one investigation sponsored by industry. The object of this study has been to determine if dust deposits in the lungs add a measurable functional handicap to lungs which have been impaired by reduced respiratory excursions such as is seen in emphysema or which are edematous as in congestive heart failure.

The unsponsored research has been performed in part in cooperation with the Graduate School of Public Health of the University of Pittsburgh and with Dr. H. E. Stokinger of the Public Health Service in Cincinnati. The problem studied is the basic response of the respiratory membrane to irritants in very low concentrations.

2) Applied toxicological research - Range-finding toxicity tests have been performed on about a dozen chemical compounds. The toxicology laboratory has also performed an evaluation of a potential process hazard and of an equipment development hazard; also dermatological studies of sensitization and primary irritation as well as chemical carcinogenicity.

3) The Engineering and Analytical Division of the Foundation has performed numerous field studies regarding atmospheric and industrial hygiene: air pollutant surveys, industrial

hygiene surveys, industrial hygiene inspection surveys, industrial hygiene consultation regarding process hazard evaluation and control; clay mine dust survey, glass works dust survey, atmospheric gaseous pollutant survey, industrial hygiene survey training in the field, evaluation of potential beryllium hazard in a new process, stack sampling for particulate matter and ammonia in a mixed fertilizer granulating plant; and size separation and x-ray diffraction analysis of dust samples.

4) Bibliographic research was performed on several chemical compounds.

5) Epidemiological studies were undertaken on an industry-wide basis in conjunction with several member companies.

In conclusion, during 1963, IHF services have been designed to meet the needs of the membership, as requested; this policy will continue in 1964. Through participation with other agencies active in the field of occupational health, and with the competent assistance of IHF committees, we hope to develop certain programs which, in addition to being of benefit to our membership, will further advance the standards of practice of occupational health, more effectively utilizing our national resources in accomplishing the Foundation's mission.

STATEMENT OF CASH & SAVINGS ACCOUNT - 1963

Cash on deposit in Mellon Bank at January 1, 1963		\$53,188.20	
<u>Receipts Jan. 1 - Sept. 30, 1963</u>			
Membership dues	\$40,125.00		
Engineering surveys	21,237.43		
Research laboratory	26,715.00		
Subscriptions to Digest	3,887.75		
Proceeds from bulletins & misc.	<u>391.60</u>	<u>92,356.78</u>	\$145,544.98
<u>Disbursements Jan. 1 - Sept. 30, 1963</u>			
Mellon Institute (3 quarters)	97,500.00		
Legal Counsel (1/2 year)	<u>1,250.00</u>		<u>98,750.00</u>
Cash on deposit at September 30, 1963.			\$ 46,794.98
Savings Account, Mellon Bank at September 30, 1963			\$ <u>26,920.10</u>
Total cash and savings at September 30, 1963.			\$ 73,715.08
<u>Estimated Receipts to Dec. 31, 1963</u> (Including advance dues and subscriptions for 1964)		50,000.00	
<u>Estimated Disbursements to Dec. 31, 1963</u>			
Mellon Institute (4th quarter)	32,500.00		
Legal Counsel (1/2 year)	<u>1,250.00</u>	<u>33,750.00</u>	\$ <u>16,250.00</u>
Estimated cash and savings at December 31, 1963.			\$ 89,965.08

INCOME AND EXPENSE - 1963^{1/}

<u>Income to December 31, 1963</u>			
Membership dues		\$59,450.00	
Engineering surveys		36,078.23	
Research laboratory:			
Contracts with industry	\$26,880.79		
Contracts with government	<u>39,575.69</u>	66,456.48	
Subscriptions to Digest		5,119.00	
Interest on savings		936.00	
Proceeds from bulletins & misc.		<u>500.00</u>	\$168,539.71
<u>Expenditures to December 31, 1963</u>			
Mellon Institute Contract (Including salaries, operating expense, overhead, and government contracts)		178,363.36	
Legal Counsel		2,500.00	
Research Consultant		<u>750.00^{2/}</u>	<u>181,613.36</u>
Estimated excess expense over income at December 31, 1963.			\$ 13,073.65

^{1/} Actual figures through September 30, 1963. Fourth quarter estimated.

^{2/} Discontinued July 1, 1963.

BUDGET FOR 1964

Headquarters & Engineering

Salaries (including fringe benefits)	\$61,100.00		
Industrial Hygiene Digest	7,500.00		
Annual Meeting	2,500.00		
Transactions of Annual Meeting	1,000.00		
Operating Expenses	7,500.00		
Engineering Survey Expenses	<u>5,400.00</u>	\$85,000.00	
Overhead		<u>15,000.00</u>	\$100,000.00

Research Laboratory

Salaries (including fringe benefits)	60,400.00		
Operating Expenses	<u>6,000.00</u>	66,400.00	
Overhead		<u>11,600.00</u>	<u>78,000.00</u>

\$178,000.00

Legal Counsel

2,500.00

Total Budget for 1964 \$180,500.00

OFFICERS AND MEMBERS OF I-H-F BOARD OF TRUSTEES FOR 1964

Chairman: Dr. B. B. Wescott
Vice Chairman: Dr. P. W. Bachman
Secretary: Mr. E. K. Davison
Treasurer: Mr. T. F. Hatch
Managing Director: Dr. R. T. P. deTreville
Legal Counsel: Mr. T. C. Waters

Earle T. Andrews, President
Pennsylvania Glass Sand Corporation
Hancock, West Virginia 25424

Chester L. Arnold, Vice President, Research
Stauffer Chemical Company
380 Madison Ave., New York, N.Y. 10017

Dr. Paul W. Bachman, Vice President
Koppers Company, Inc.
1528 Koppers Bldg., Pittsburgh, Pa. 15219

Dr. Anna M. Baetjer
School of Hygiene & Public Health
The Johns Hopkins University
615 North Wolfe St., Baltimore, Md. 21205

Robert D. Blasier
Vice President, Industrial Relations
Westinghouse Electric Corporation
Box 2278, Gateway Building 3
Pittsburgh, Pa. 15222

Lawrence A. Coleman, General Counsel
Allied Chemical Corporation
61 Broadway, New York, N.Y. 10006

M. F. Crass, Jr., Secretary-Treasurer
Manufacturing Chemists' Assoc., Inc.
1825 Connecticut Avenue, N.W.
Washington, D.C. 20009

E. K. Davison, President
Davison Sand & Gravel Company
Box 4055, Pittsburgh, Pa. 15201

Dr. Robert T. P. deTreville
Managing Director
Industrial Hygiene Foundation
4400 Fifth Ave., Pittsburgh, Pa. 15213

Andrew Fletcher, Chairman
St. Joseph Lead Company
250 Park Ave., New York, N.Y. 10017

Theodore F. Hatch
Graduate School of Public Health
University of Pittsburgh
Pittsburgh, Pa. 15213

W. G. Hazard
Industrial Relations Division
Owens-Illinois Glass Company
Owens-Illinois Glass Bldg., Toledo, Ohio 43601

Andrew Kalmykow, Mgr., Casualty Dept.
Assoc. of Casualty & Surety Companies
110 William St., New York, N.Y. 10038

Harold S. McFarland
Director of Personnel Services
General Motors Corporation
General Motors Bldg., Detroit, Mich. 48222

Dr. Robert B. O'Connor
Vice President for Health Services
United States Steel Corporation
525 William Penn Place, Pittsburgh, Pa. 15219

Robert T. Ross, Mgr., Employee Services
Ford Motor Company
The American Road, Dearborn, Mich.

Elgin D. Sallee, Mgr. of Safety, Industrial
Hygiene, Employment & Plant Training
American Can Company
100 Park Ave., New York, N.Y. 10017

Dr. O. A. Sander
(Marquette University School of Medicine)
710 N. Plankinton Ave., Milwaukee, Wisc. 53203

Dr. John F. Shrouts, Medical Director
General Mills, Inc.
9200 Wayzata Blvd., Minneapolis, Minn. 55426

Dr. G. R. Simmons
Director of Research and Development
Western Electric Company
P. O. Box 900, Princeton, New Jersey

Dr. Kenneth W. Smith, Medical Director
Johns-Manville Corporation
22 East 40th St., New York, N.Y. 10016

Leo Teplow, Assistant Vice President
American Iron and Steel Institute
150 East 42nd St., New York, N.Y. 10017

Dr. Joseph F. Treon, Manager
Biological Sciences Section
Atlas Chemical Industries, Inc.
Wilmington, Delaware 19899

Theodore C. Waters
Miles & Stockbridge
10 Light Street, Baltimore, Md. 21202

Dr. G. Arthur Webb
Director of Administration
Mellon Institute
4400 Fifth Ave., Pittsburgh, Pa. 15213

Paul S. Wise, Associate General Mgr.
American Mutual Insurance Alliance
20 North Wacker Drive, Chicago, Illinois

Dr. B. B. Wescott, President
MPC Corporation
4400 Fifth Ave., Pittsburgh, Pa. 15213

Dr. John A. Zapp, Jr., Director
Haskell Laboratory
E. I. du Pont de Nemours & Company
Wilmington, Delaware 19898

TECHNICAL COMMITTEES

Engineering Committee

LESTER V. CRALLEY, Ph.D., Chairman
Aluminum Company of America
WILLIAM J. SCHREIBEIS, Secretary
Industrial Hygiene Foundation
R. J. BEAMAN, Jr.
The Procter & Gamble Company
J. M. JOYCE
Johns-Manville Corporation
W. H. KINGSLEY
Sandia Corporation
E. G. MEITER, Ph.D.
Employers Mutuals of Wausau
KENNETH M. MORSE
United States Steel Corporation
A. C. PABST
Socony Mobil Oil Company
KENNETH E. ROBINSON
General Motors Corporation
H. WILBUR SPEICHER
Westinghouse Electric Corporation
SAMUEL H. THOMAS
Owens-Corning Fiberglas Corporation
HERBERT T. WALWORTH
Lumbermens Mutual Casualty Company
GEORGE M. WILKENING
Bell Telephone Laboratories

Chemical-Toxicological Committee

JOSEPH F. TREON, Ph.D., Chairman
Atlas Chemical Industries, Inc.
JAMES M. McNERNEY, Secretary
Industrial Hygiene Foundation
HARRY M. BOWMAN
Reaction Motors Division,
Thiokol Chemical Corporation
CHARLES P. CARPENTER, Ph.D.
Mellon Institute
H. H. FAWCETT
General Electric Company
HAROLD R. HOYLE
Dow Chemical Company
J. C. RADCLIFFE
Ford Motor Company
GEORGE C. REED
Minneapolis-Honeywell Regulator Co.
CLYDE C. RUDDICK
Pittsburgh Plate Glass Company
ELGIN D. SALLEE
American Can Company
HERBERT E. STOKINGER, Ph.D.
U. S. Public Health Service
WILLIAM J. WISWESSER
Willson Products Div., Ray-O-Vac Co.
JOHN A. ZAPP, Jr., Ph.D.
E. I. du Pont de Nemours & Co.

Nursing Committee

JANE A. LEE, Chairman
Jones & Laughlin Steel Company
JEAN W. GRAY, Acting Secretary
U. S. Public Health Service
MARIE C. GOIK
University of Pittsburgh, GSPH
BEDONNA JACOBS
Allegheny County Health Department
JEAN KARBUS
American Can Company
WINIFRED McLANAHAN
University of Pittsburgh, GSPH
ALDA SICA
United States Steel Corporation

Mrs. Lee reports that the Nursing Committee, now in the process of formation, will be composed chiefly of Supervisory Nurses at IHF member companies plus selected expert consultants in special fields such as nursing training. Official membership will be kept to ten. There are still several spaces to be filled. Foundation member companies, who have a chief nurse and wish to be represented by her on this Committee are invited to communicate with Mrs. Lee c/o the Foundation. Individuals not appointed this year will be advised of progress and considered for membership at a later date.

Legal Committee

THEODORE C. WATERS, Chairman
Miles & Stockbridge
ANDREW KALMYKOW, Secretary
Assn. of Casualty & Surety Companies
OLIVER CLAYTON
Humble Oil & Refining Company
LAWRENCE A. COLEMAN
Allied Chemical Corporation
WILLIAM C. HARTMAN
Squire, Sanders & Dempsey
THEODORE HETZLER, Jr.
National Assn. of Mutual Casualty Cos.
JAMES L. HILL
Ford Motor Company
EDWARD E. KUEBLER
Kuebler & DeIDeo
ROBERT B. RADY
Republic Steel Corporation
C. L. SHECKLER
Johns-Manville Corporation
DOUGLAS SOUTAR
American Smelting & Refining Company
D. W. STITT
Continental Can Company, Inc.
FRANK C. WACHTER
Pennsylvania Glass Sand Corporation
PAUL J. WINSCHERL
Reed, Smith, Shaw & McClay

Medical Committee

DANIEL C. BRAUN, M.D., Chairman
United States Steel Corporation
PAUL GROSS, M.D., Secretary
Industrial Hygiene Foundation
CARL U. DERNEHL, M.D.
Union Carbide Corporation
ROY L. GIBSON, M.D.
Gulf Oil Corporation
ROBERT J. HALEN, M.D.
Jones & Laughlin Steel Corporation
JAMES P. HUGHES, M.D.
Kaiser Aluminum & Chemical Corp.
E. M. KLINE, M.D.
General Electric Company
GEORGE ROUSH, M.D.
University of Cincinnati
O. A. SANDER, M.D.
Marquette University
S. D. STEINER, M.D.
General Motors Corporation

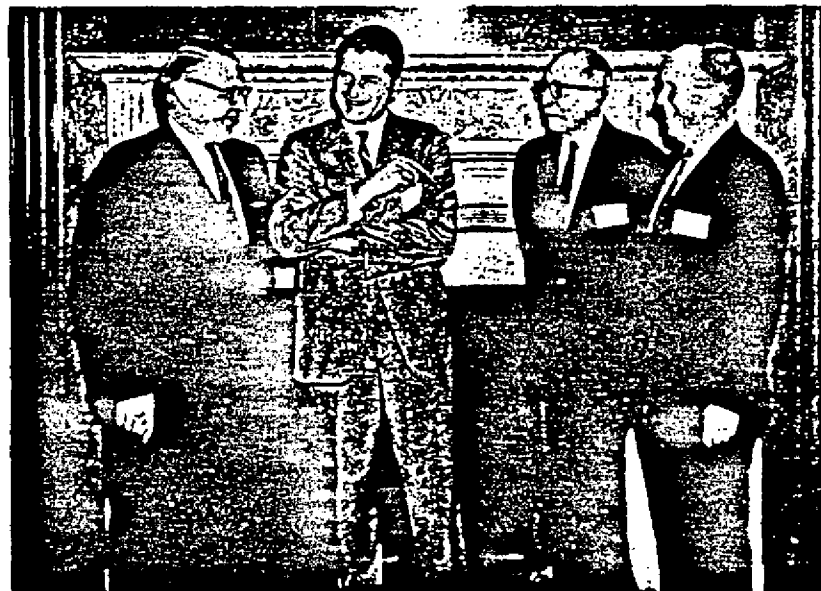
SOME ANNUAL MEETING PHOTOS



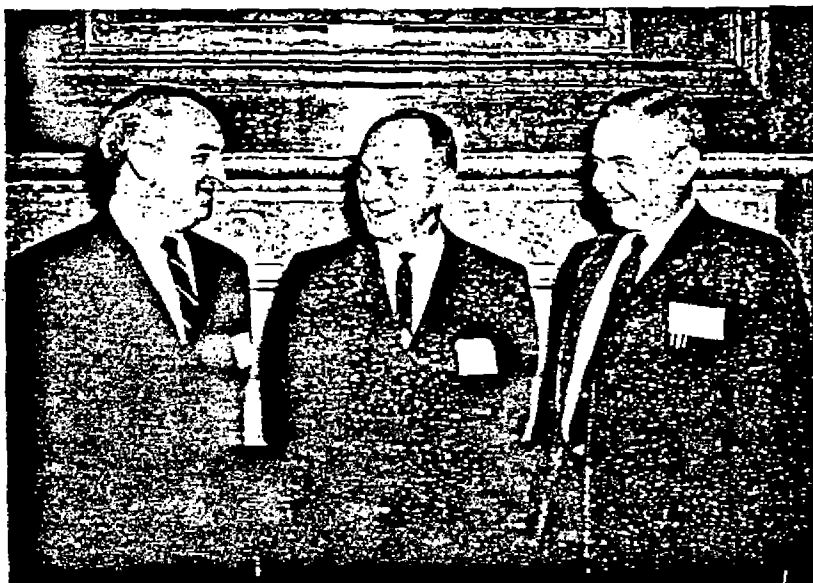
"Social Progress and the Law" was the subject of a luncheon address presented by Senator Charles R. Weiner, who is Minority Floor Leader, Senate of Pennsylvania.



Speakers seen discussing the program are:
 Dr. R. A. Kehoe, Univ. of Cincinnati; Mr. J. L. O'Marra,
 Western Electric Co.; Dr. R. T. P. deTreville,
 Industrial Hygiene Foundation; and Dr. Luther L. Terry,
 U. S. Public Health Service.



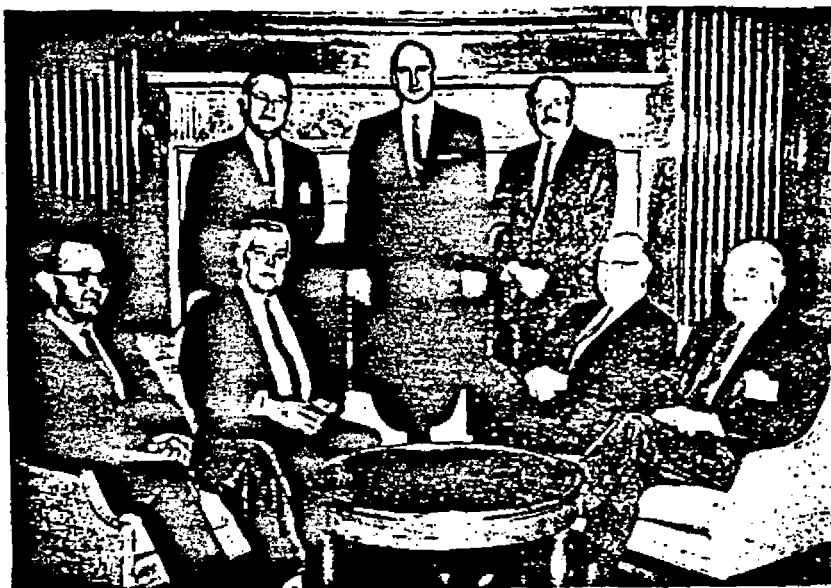
Discussing various aspects of "Industrial Hygiene in the
 1960's" were: Mr. L. A. Coleman, Allied Chemical
 Corp.; Dr. David Minard and Dr. Antonio Ciocco, Univ.
 of Pittsburgh; and Dr. James H. Sterner, Eastman
 Kodak Company.



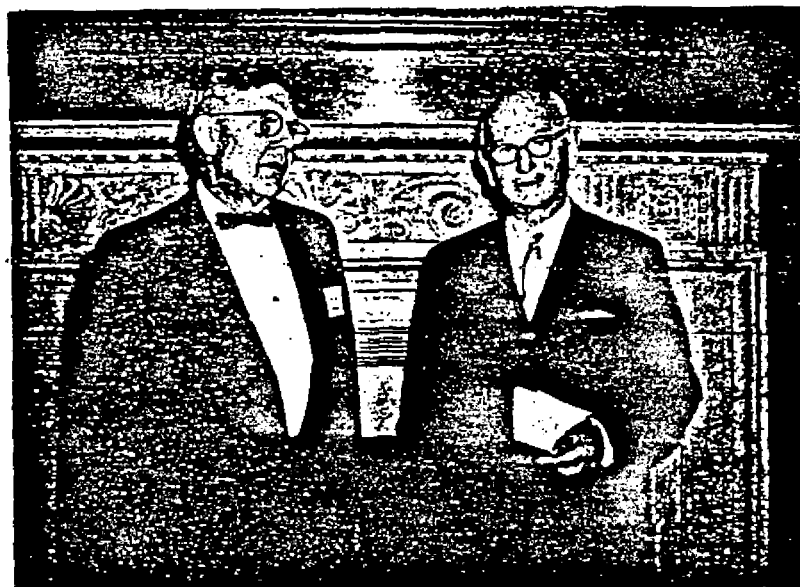
Management, government, and labor aspects of industrial hygiene were discussed, respectively, by: Mr. J. L. O'Marra, Western Electric Company; Dr. Luther L. Terry, U.S. Public Health Service; and Mr. A. E. Brown, United Paper Makers and Paper Workers, AFL-CIO.



Three of the speakers who presented papers under the theme "Fifty Years of Progress in Industrial Health and Safety" were: Prof. Theodore F. Hatch, University of Pittsburgh; Mrs. Esther Peterson, U.S. Department of Labor; and Dr. Robert A. Kehoe, University of Cincinnati.



Mellon Institute members and alumni who participated in the program were:(seated) Dr. Henry C. Bramer, Dr. Paul C. Cross, Dr. Blaine B. Wescott, Dr. E. R. Weidlein; (standing) Dr. G. A. Webb, Dr. R. T. P. deTreville, and Prof. Theodore F. Hatch. Dr. Henry F. Smyth, Jr., also participated in the program but is not in this photograph.



Dr. Henry F. Smyth, Jr., of Mellon Institute, presented a paper on the "Toxicology of Industrial Chemicals"; and Mr. Wilson C. Jainsen of Hartford Accident and Indemnity Company, who discussed "Compensation Trends".

World Hygiene System Weighed

Foundation Studies Program For Action Here and Abroad

By HENRY W. PIERCE
Establishment of a world-wide system of industrial hygiene consultants is under consideration by the Industrial Hygiene Foundation (IHF), Dr. Robert T. F. deFreville, IHF's managing director, said yesterday.



DR. R. T. F. DEFREVILLE
Proposes consulting service.

500 to Attend Health Parley

An estimated 500 industrial health workers from throughout the nation will meet at the Mellon Institute Wednesday and Thursday, Oct. 23 and 24, for the 25th annual meeting of the Industrial Hygiene Foundation (IHF).

Air and water pollution will receive a major share of attention in health specialties in industry, government, labor, and universities. Among the principal topics to be addressed by Dr. Robert T. F. deFreville, managing director of IHF, on the program is the need for a new approach to the health of the American worker.

Dr. deFreville said the program would include a major session on "The future of industrial hygiene." He said that the program would be held in the Mellon Institute, which is the headquarters of the IHF.

Industrial Safety Next For Women's Status

Mrs. Esther Peterson Cites Need Of Special Guards

By SHARON ALLEY
Industrial safety is one more facet of the President's Commission Study on the Status of Women.



MRS. ESTHER PETERSON
Time to assess safety.

Mrs. Peterson is the U. S. Department of Labor's Assistant Secretary for Labor Standards and Director of its Woman's Bureau.

Woman's safety in industry has been under close scrutiny only two years. But Mrs. Peterson is confident such study will stimulate development of safety devices especially for women.

Safety doesn't just happen, she noted. It must be created.

"Fifty years ago," she noted, "machine guards were virtually unknown. We can only guess how many fingers and hands were lost or maimed in those days."

"Right after the turn of the 20th Century, over half of all industrial workers in this country suffered one or more disabling job injuries during their working lives."

"Little attention was paid to sanitation, ventilation or lighting. Factory buildings were often flimsy and inflammable. Passageways were narrow. Overcrowding common. Exits inadequate."

Another advance toward "humanizing the industrial environment," was the passage of women's compensation laws. They were good business, as well as good sense, she said.

"We know that despite all the progress that has been made, we have not done enough. Last year's two million disabling job injuries—\$1,000 permanent impairments and 13,700 deaths—show clearly how far we have yet to go."

Air and Water Pollution Facing Attack

U. S. Planning Health Center

The U. S. Public Health Service plans to establish a national environmental health center that will launch a nationwide attack on air and water pollution and occupational diseases, Surgeon General Luther L. Terry said here yesterday.

He said the center will be a "focal point for an integrated program of research, training, technical assistance, and control problems in a comprehensive attack on environmental health problems."

At present, he said, plans for the center are being hampered by disagreement as to its location, but he added:

"We hope that some agreement can be reached soon so that the planning for this urgently-needed new facility can proceed in its orderly fashion."

Dr. Terry spoke at the annual Industrial Hygiene Conference at Mellon Institute which ended yesterday. He



DR. LUTHER L. TERRY
Surgeon General, U.S. Health, Education and Welfare Dept.

said the center's efforts would be directed toward:

- Studying the effects of complex systems on health and productivity of workers.
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Other Districts Here Lag

City Air Pollution Fight Hailed

By GEORGE THOMAS

The nation's public health chief praised Pittsburgh's leadership in the campaign against air pollution today.

Dr. Terry, here the 25th annual meeting of the Industrial Hygiene Foundation at Mellon Institute, said air pollution is a "major public health problem."

He said that the city's efforts to combat air pollution are "one of the best in the country."

Dr. Terry, who is Surgeon General of the U. S. Public Health Service, said that the city's efforts to combat air pollution are "one of the best in the country."

Fuming Citizens Roll In Reports On Car Smoke

Pittsburgh's air pollution control program made nearly as much headway as the national Center for Air Work yesterday.

The County Health Department reports individual residents are beginning to take an increasingly active role in the program by reporting fuming cars.

A leading figure in the overall cleanup program for many years will tell his story at a Tuesday luncheon meeting at Mellon Institute starting Wednesday.

"We've just about begun to break even on water pollution," he said. "But, of course, we need to do more than that."

Dr. Terry, who is Surgeon General of the U. S. Public Health Service, said that the city's efforts to combat air pollution are "one of the best in the country."

Air Cleanup To Be Traced

Dr. Edward G. Weidner, president of Mellon Institute, will trace Pittsburgh's air pollution control efforts at a meeting here Wednesday.

Dr. Weidner will address the 25th annual meeting of the Industrial Hygiene Foundation at Mellon Institute starting Wednesday.

He will point to the increasing number of cities that are beginning to take an increasingly active role in the program by reporting fuming cars.

Dr. Weidner will also discuss the city's efforts to combat air pollution, which he said are "one of the best in the country."

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Education Key To Clean Rivers

Scientists Loudly Drive Success

Education has been the key to success in a nationwide drive to clean rivers, scientists here said today.

Dr. Henry C. Brainer, a Mellon Institute Water Resources Fellow, said at the 25th annual meeting of the Industrial Hygiene Foundation at Mellon Institute, Oakland.

Dr. Brainer said that the city's efforts to combat air pollution are "one of the best in the country."

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Expert Hails Cleaner River

Education and persuasion, rather than law, have been responsible for the success of the bi-lateral drive of the Ohio River, a water resources scientist said here yesterday.

Dr. Henry C. Brainer, a Mellon Institute Water Resources Fellow, said at the 25th annual meeting of the Industrial Hygiene Foundation at Mellon Institute, Oakland.

Dr. Brainer said that the city's efforts to combat air pollution are "one of the best in the country."

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