

TWENTY-SECOND ANNUAL MEETING

*American Conference of
Governmental Industrial Hygienists*

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SEVENTEENTH ANNUAL MEETING

*American Association of
Industrial Dentists*

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TWENTY-FIRST ANNUAL MEETING

*American Industrial
Hygiene Association*

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EIGHTEENTH ANNUAL MEETING

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Industrial Nurses, Inc.*

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FOURTY-FIFTH ANNUAL MEETING

*Industrial Medical
Association*

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1960 INDUSTRIAL HEALTH CONFERENCE
April 24th to April 29th, 1960
Rochester, New York

ROCHESTER WAR MEMORIAL AUDITORIUM
April 26-27-28

(Earlier meetings in Hotels)

REGISTRATION AND MEETING ROOM INFORMATION

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Registration for Conference

Sunday, April 24—Manger Hotel.....8:00-4:00
 Sunday, April 24—Powers Hotel, Lobby.....9:00-4:00
 Monday, April 25—Sheraton, Manger and Powers Hotels 8:00-4:00
 Tuesday, April 26—War Memorial Auditorium*.....8:00-4:00
 Wednesday, April 27—War Memorial Auditorium*.....8:30-1:00
 Thursday, April 28—War Memorial Auditorium*.....8:30-2:00
 *Exchange Street Lobby

★

Headquarters Hotels:

I.M.A.Manger
 A.A.I.N., A.A.I.D.Sheraton
 A.C.G.I.H., A.I.H.A.Powers

★

Color of Registration Cards and Badges:

Blue—Industrial Medical Association
 Green—American Conference of Governmental Industrial Hygienists
 Yellow—American Industrial Hygiene Association
 Pink—American Association of Industrial Nurses
 Salmon—American Association of Industrial Dentists
 Purple—Exhibitors
 Lilac—Guests

★

Technical ExhibitsPages 48-61
 Tuesday, April 26, and Wednesday, April 278:15-5:15
 Thursday, April 288:45-3:30

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Scientific ExhibitsSee Pages 46 & 47
 Same schedule as Technical Exhibits

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Ladies' EntertainmentPage 5

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Plant ToursPage 6

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Stop of City of RochesterPage 62

KEY—ACGIH—American Conference of Governmental Industrial Hygienists
AIEA—American Industrial Hygiene Association
IMA—Industrial Medical Association
AIID—American Association of Industrial Dentists
AIIN—American Association of Industrial Nurses

[illegible]

Day	Date	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA	ACOH	IMA
Saturday	April 26	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12
Sunday	April 24	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12
Monday	April 25	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12
Tuesday	April 26	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12
Wednesday	April 27	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12
Thursday	April 28	8	37	8	33	9	33	11-12	16	10	12	12	17	10	12	12	17	10	12

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[illegible]

INDEX OF SPEAKERS—Continued

[illegible]

1960 INDUSTRIAL HEALTH CONFERENCE

Rochester, N. Y.
April 24-29, 1960

★

General Chairman—Herbert T. Walworth
Deputy General Chairman—Gracie E. Rowatree, M.D.

★

Conference Chairmen

J. H. Starnes, M.D. and John L. Norris, M.D.
Industrial Medical Association

Frank A. Smith, Ph.D.
American Industrial Hygiene Association

Jack Beiler

American Conference of Governmental Industrial Hygienists

Ruth H. Amann, R.N.
American Association of Industrial Nurses

Guy C. Kirby, D.D.S.
American Association of Industrial Dentists

★

Program Chairmen

Harry A. Hansen, M.D.
Industrial Medical Association

Jack C. Radcliffe

American Industrial Hygiene Association

Allan L. Coleman

American Conference of Governmental Industrial Hygienists

Margaret E. Hutchinsan, R.N.

American Association of Industrial Nurses

Robert E. Nemereff, D.D.S.

American Association of Industrial Dentists

★

Arrangements Committee

Franklin A. Miller, Chairman

Arthur L. Knight, M.D.

Donald P. Meibell, R.N.

Albert J. Rosen, M.D.

Richard Scherberger

★

Publicity Committee

Matthew E. Fairbank, M.D., Chairman

Tula S. Record

Grace DeWolfe, R.N.

William S. Johnson

F. J. Welamiller, Jr., M.D.

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Scientific Exhibits Committee

George A. Hardie, M.D., Chairman

Samuel Moskowitz, Jr., Ph.D.

Deris Sauter, R.N.

William M. Sutton, M.D.

★

Clark D. Bridges, Managing Director
William J. Burns, Director of Exhibits

★

LADIES' ENTERTAINMENT

Hospitality Room—MANGER HOTEL, Linc Room—Mezzanine—
April 25-26

Hospitality Room—POWERS HOTEL, Parlor E. Tuesday, 8:30
a.m.—3:00 p.m., Wednesday & Thursday, 10:30 a.m.—3:30 p.m.

MONDAY, APRIL 25

9:00-5:00 a.m.—Registration

3:00 p.m.—Get Acquainted Hour—Linc Room

Enjoy coffee with your Rochester hostesses, old friends and
new acquaintances. Discuss program and purchase tickets
for the events.

★

TUESDAY, APRIL 26

9:45 a.m.—Bus Tour of the city—two hours

12:00 noon—Luncheon—Rochester Academy of Medicine

2:00 p.m.—Eastman House—Photographic Museum—Tour and old
time movies

★

WEDNESDAY, APRIL 27

12:00 noon—L.M.A. Wives' Luncheon—Chatterbox Club

12:15 p.m.—A.I.H.A. Luncheon and strolling fashions—

Sibley's Tower Restaurant; 1:30 p.m.—tour "behind the
scenes" in Rochester's largest department store

2:30 p.m.—(Combined)—Memorial Art Gallery—

"April in Rochester" featuring contemporary rooms by
Rochester's leading decorators, and special events

★

THURSDAY, APRIL 28

10:00-3:00 p.m.—Tour through the locks of the Barge Canal—
Box luncheon served aboard

or

10:00-11:30 a.m.—Tour through R. T. French Company, manu-
facturers of prepared mustard, spices and other food
products

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PLANT TOURS

1. Atomic Energy Project at the University of Rochester
2. Bausch & Lomb, Incorporated
3. Delco Appliance Division of General Motors Corporation
4. Eastman Kodak Company (Kodak Office and Camera Works)
5. Eastman Kodak Company (Kodak Park)
6. Gleason Works
7. Rochester Products Division of General Motors Corporation
8. Stromberg Carlson Division, General Dynamics Corporation

Tours will start from Lobby of the Manger Hotel at 1:30 p.m. They will terminate by 4:00 p.m. (Tours are open to all persons attending the Industrial Health Conference.)

Atomic Energy Commission—

A combination tour of any two of the following will be possible: Radiation Therapy; Flash-burn Research Program; Chemical Toxicology Section; Dust or Radiation Inhalation Research.

Bausch & Lomb, Incorporated—

Prediction of optical instruments for education, research, industry and eyeglass correction. Operates the only glass plant in America devoted exclusively to making optical glass.

Delco Appliance Division, General Motors Corporation—

Manufacturers motors used in automobile heaters and defrosters, washing machines, and household appliances. Also oil heating equipment, domestic water systems, and electric automobile clocks.

Eastman Kodak Company (Kodak Office and Camera Works)—The photo-equipment plant, producing cameras, projectors and some 200 types of photographic apparatus.

Eastman Kodak Company (Kodak Park)—

The largest Eastman plant. It makes photographic films, papers, plates and chemicals.

Gleason Works—

This is a machine tool plant, building all varieties of heavy gear cutting machines. Also, has a foundry for making its own castings.

Rochester Products Division, General Motors Corporation—

Constructs carburetors, auto locks, fuel pumps, and brazed and welded steel GME tubing, including radio antennas. Also aviation power controls for jet and reciprocating engines.

Stromberg Carlson Division, General Dynamics Corporation—

Manufacturers of communication and electronic equipment for home, industry and defense. Stereophonic high fidelity radio-photographs and components, automobile radios, telephones, "XY" dial telephone switchboards, selective radio paging systems, sound and intercommunication systems.

Each tour will illustrate a specific industrial process plus its medical facilities. Time will be allotted at the conclusion of the tour for a discussion.

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

★

TWENTY-SECOND ANNUAL MEETING
Rochester, New York
April 23-26, 1960

★

OFFICERS

Allan L. Coleman, Chairman
Connecticut Department of Health
Hartford 1, Conn.

Charles E. Coecharan, Past-Chairman
Baltimore City Health Department
Baltimore 2, Md.

Elizabeth A. Neubert, R.N.
Tennessee Department of Public Health
Nashville 4, Tenn.

George E. Tubch
Michigan Department of Health
City Hall Annex
Grand Rapids, Mich.

Edward J. Deha., Col. (MC)
Medical Section
Headquarters 2nd Army
Ft. Meade, Md.

Charles D. Yaffe, Secretary-Treasurer
Occupational Health Field Headquarters
U. S. 1014 Broadway
Cincinnati 2, Ohio

★

CONFERENCE CHAIRMAN—

Jack Bell, New York State Department of Labor, New York, N.Y.

Program Chairman—

Allan L. Coleman, Connecticut Department of Health, Hartford, Conn.

Arrangements Chairman—

Albert J. Rosen, M.D., Division of Industrial Hygiene, New York State Department of Labor, Buffalo, N.Y.

Publicity Chairman—

Tula S. Breard, U. S. Public Health Service, Washington, D.C.

Scientific Exhibits Chairman—

Samuel Moskowitz, Jr., Ph.D., Division of Industrial Hygiene, New York State Department of Labor, New York, N.Y.

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

SATURDAY, APRIL 23

9:00 a.m.-5:00 p.m.—Meeting of Standing Committees
12:00 p.m.-10:00 p.m.—Executive Committee Meeting—
Powers Hotel

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SUNDAY, APRIL 24

9:00 a.m.—Registration—Powers Hotel
9:30 a.m.-12:00 p.m.—Round Table Discussions: Powers Hotel
Chemists—Robert G. Keenan and Leonard Pagnotta,
Co-chairmen
Engineers—Andrew Healy and Louis J. Freels, Jr.,
Co-chairmen
Nurses—Mrs. Mabelle J. Markee and Mrs. Mary G. Deegan,
Co-chairmen
Physicians—Marcus M. Key, M.D. and Jan Lieben, M.D.,
Co-chairmen

1:30 p.m.-5:00 p.m.—Continuation of Round Table Discussions
3:00 p.m.-5:00 p.m.—Meeting of Directors of State and Local
Industrial Hygiene Programs Only, with Staff Members of
Occupational Health Program, U. S. Public Health Service

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MONDAY, APRIL 25

8:00 a.m.—Registration—Powers Hotel
9:00 a.m.—General Session—Powers Hotel
Welcome—Allan L. Coleman, Chairman, ACGIH
9:05 a.m.—Pneumoconiosis Mortality in Pennsylvania—
John H. Vinyard, Jr. and Jan Lieben, M.D.,
Pennsylvania Department of Health
9:30 a.m.—Experiences With the Phase Microscope—
Milton Steinbaum, New York State Department of Labor
10:00 a.m.—Intermission
10:05 a.m.—Business Session including
Discussion of Committee Reports:
Worker Health Information—Christina Ebert, M.D., Cali-
fornia Department of Public Health, Chairman
Standard Labeling Procedures—Hervey R. Eklus, Ph.D.,
Massachusetts Department of Labor & Industries, Chair-
man
Small Plant Health Services—Harold J. Magnuson, M.D.,
U. S. Public Health Service, Chairman

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AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

Monday, April 25

Recommended Analytical Methods—Robert G. Keenan, U.S.
Public Health Service, Chairman

Membership—Debraan H. Byers,
U. S. Public Health Service, Chairman

Ionizing Radiation—D. E. Van Rosow,
Michigan Department of Health, Chairman

Industrial Ventilation—James C. Barrett,
Michigan Department of Health, Chairman

Industrial Hygiene Records and Reports—Miss Victoria M.
Treake, U. S. Public Health Service, Chairman

Awards—Warren A. Cook, University of Michigan,
Chairman

Air Sampling Instruments—Irving H. Davis,
Michigan Department of Health, Chairman

Air Pollution—Bernard D. Bloomfield,
Michigan Department of Health, Chairman

Agricultural Health—Emil T. Chanlett,
University of North Carolina, Chairman

Epidemiology of Occupational Diseases—Thomas F. Man-
ces, M.D., Ohio Department of Health, Chairman

Respiratory Protective Equipment (Joint Committee with
AIHA)—E. C. Hyatt, Los Alamos Scientific Laboratory,
Chairman

Threshold Limits—Allan L. Coleman,
Connecticut Department of Health, Chairman

★

General Session Powers Hotel

2:00 p.m.—The Collection and Determination of Chromium in an
Urban Atmosphere—S. M. Belth, E. Kaplan and C. E. Couch-
man, Baltimore City Health Department

2:30 p.m.—What's New in Industrial Ventilation—James C. Bar-
rett, Chairman, ACGIH Committee on Industrial Ventilation,
Michigan Department of Health

3:00 p.m.—Industrial Hygiene Aspects of Liquid Propellants—
Keith H. Jacobsen, Ph.D., Chemical Warfare Laboratories,
Army Chemical Center, Md.

3:30 p.m.—Hepatitis Associated with Fuel Testing—J. Howard
Johnson, M.D., Medical Director, Chandler Evans Corpora-
tion, West Hartford, Conn.

4:00 p.m.—The Federal Radiation Council—Donald R. Chadwick,
M.D., Secretary, Federal Radiation Council, Washington,
D.C.

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AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

TUESDAY, APRIL 26

General Session War Memorial Auditorium—Stage

9:00 a.m.—Panel Discussion: Health Services for Governmental Employees—Walter J. Gerelle, M.D., Pennsylvania Department of Health, John P. Kilgus, M.D., Connecticut Department of Health, Frank H. Herrington, M.D., City of Columbus Department of Industrial Relations

10:00 a.m.—Discussion

10:15 a.m.—Intermission (Visit Exhibits)

10:30 a.m.—Business Meeting

★

Joint Session, AIIHA-ACGIH—War Memorial Auditorium

Room B

Co-chairmen: Clyde M. Berry, Ph.D., State University of Iowa, Iowa City, Iowa and Warren A. Cook, University of Michigan, Ann Arbor, Mich.

2:00 p.m.—Recruitment of Quality Personnel for Advanced Industrial Hygiene Study—T. F. Hatch, R.M., University of Pittsburgh, School of Public Health, Pittsburgh, Pa.

2:45 p.m.—Current Status of Employment Opportunities in Industrial Hygiene—George D. Clayton, Consultant, Detroit, Mich.

3:00 p.m.—Trends in Advanced Degrees in Industrial Hygiene—C. A. Kohn, M.D., Kettering Laboratory, College of Medicine, University of Cincinnati, Cincinnati, Ohio

3:10 p.m.—Special Needs in Education for Certificated Seekers in Industrial Hygiene—Henry F. Bayth, Jr., Ph.D., Mellon Institute, Pittsburgh, Pa.

3:25 p.m.—Intermission (Visit Exhibits)

3:45 p.m.—What Industry Expects of Advanced Degree Personnel in Industrial Hygiene—Nathan Van Hendrickx, Esso Research & Engineering Company, Linden, N. J.

4:00 p.m.—Panel Discussion: The Role of Short Courses in Industrial Hygiene—

Government Courses—Charles D. Yaffe, U. S. Public Health Service, Occupational Health Field Headquarters, Cincinnati, Ohio

University Courses—Philip Drinker, Sc.D., Harvard School of Public Health, Boston, Mass.

AIIHA Courses—Lester V. Gallely, Ph.D., Aluminum Company of America, Pittsburgh, Pa.

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6:30 p.m.—ACGIH 22nd Annual Dinner—Powers Hotel

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AMERICAN ASSOCIATION OF INDUSTRIAL DENTISTS

★

SEVENTEENTH ANNUAL MEETING

Rochester, N. Y.

April 25-27, 1960

★

OFFICERS

Guy C. Kirby, D.D.S., President
Dental Director, Pratt and Whitney Aircraft, East Hartford, Conn.

Robert B. Nemecoff, D.D.S., President-Elect
475 Fifth Avenue, New York, N. Y.

Lynn P. Sorens, Ph.D., D.D.S., Vice-President
Morch, Sharp & Dahme, West Point, Pa.

Edward R. Astes, D.D.S., Secretary-Treasurer
Industrial Dental Consultant, Pennsylvania Department of Health
P.O. Box 90, Harrisburg, Pa.

Leonard S. Mervay, D.D.S., Asst. Secretary-Treasurer
Industrial Dental Consultant, 30 Central Avenue, Newark, N. J.

★

DIRECTORS

1960

Kenneth W. Miesher, D.D.S., Chairman
Dental Director, International Harvester Company, Chicago, Ill.

Calvin Welles, D.D.S.

Labor Health Institute, St. Louis, Mo.

Robert I. Humphrey, D.D.S.

185 North Wabash Avenue, Chicago, Ill.

1961

Frances R. Karlan, D.D.S.
Metropolitan Life Insurance Company, New York, N. Y.

1962

Grant U. MacKenzie, D.D.S.
Ford Motor Company, Dearborn, Mich.

★

MONDAY, APRIL 25

9:00 a.m.—Registration—Sheraton Hotel

10:30 a.m.—Business Session—Sheraton Hotel—East Room
Presiding: Guy C. Kirby, D.D.S., President, AAIID, Pratt and Whitney Aircraft, East Hartford, Conn.

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AMERICAN ASSOCIATION OF INDUSTRIAL DENTISTS

Monday, April 25

12:00 p.m.—3:00 p.m.—Luncheon—Sheraton Hotel

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2:00 p.m.—*Scientific Session*—Sheraton Hotel—East Room
Presiding: Lynn P. Strean, Ph.D., D.D.S., Merck, Sharp & Dohme, West Point, Pa.

The Examination of the Mouth—Why and How—Stanley J. Behrman, D.D.S., F.A.C.D., Assistant Professor of Clinical Surgery, Cornell University Medical College, Associate Attending Oral Surgeon, New York Hospital, New York, N. Y.

Newer Drugs of Interest to the Industrial Dentist—Lynn P. Strean, Ph.D., D.D.S., Chief, Dental Medicine Department, Merck, Sharp & Dohme, West Point, Pa.

★

6:00 p.m.—Cocktails and Dinner—Sheraton Hotel—Sheraton Room

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TUESDAY, APRIL 26

8:00 a.m.—Registration—War Memorial Auditorium—Exchange Street Lobby

10:00 a.m.—General Session—War Memorial Auditorium—Room 210

Communication and the Exchange of Scientific Information
—Presiding: Robert B. Nemereff, D.D.S., President-Elect, AAIID, New York, N. Y.

11:00 a.m.—The Industrial Physician and the Industrial Dentist
Communicate—David H. Goldstein, M.D., Medical Director, The New York Times, Professor of Industrial Medicine, New York University College of Medicine, New York, N. Y.

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12:00 noon—2:00 p.m.—Luncheon (Visit Exhibits)

★

2:00 p.m.—Workshop on Nomenclature, Statistics, and Record-keeping
Presiding: Robert B. Nemereff, D.D.S.

★

WEDNESDAY, APRIL 27

9:30 a.m.—Business Session and Election of Officers—War Memorial Auditorium—Room 210

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

★

TWENTY-FIRST ANNUAL MEETING

Rochester, New York

April 25-28, 1960

★

OFFICERS

Elmer F. Wheeler, President
Monsanto Chemical Company, St. Louis, Mo.

Jack C. Radcliffe, President-Elect
Ford Motor Company, Dearborn, Mich.

Kenneth W. Nelson, Past President
American Smelting & Refining Company, Salt Lake City, Utah

William G. Fredrick, Sc.D., Secretary
Detroit Department of Health, Detroit, Mich.

William T. McCormick, Treasurer
Inland Steel Company, East Chicago, Ind.

George D. Clayton, Executive Secretary
14125 Prevost, Detroit 27, Mich.

★

DIRECTORS

Charles F. Carpenter, Ph.D.
Mellon Institute, Pittsburgh, Pa.

David W. Fassett, M.D.
Eastman Kodak Company, Rochester, N. Y.

John J. Ferry
General Electric Company, Schenectady, N. Y.

Lloyd E. Gordon
Zurich-American Insurance Companies, Chicago, Ill.

Duncan A. Holaday
Occupational Health Program, U. S. Public Health Service,
Salt Lake City, Utah

John M. Kane
American Air Filter Co., Inc., Louisville, Ky.

Kenneth M. Morse
United States Steel Corporation, Pittsburgh, Pa.

Nerlean Nelson, Ph.D.
New York University Medical Center, New York, N. Y.

Harry F. Schulte
Los Alamos Scientific Laboratory, Los Alamos, N. M.

Laetie Silverman, Ph.D.
Harvard School of Public Health, Boston, Mass.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Joseph F. Treen, Ph.D.
Atlas Powder Company, Wilmington, Del.
Charles R. Williams, Ph.D.
Liberty Mutual Insurance Company, Boston, Mass.

★

CONFERENCE COMMITTEE

Herbert T. Walworth, IHC General Chairman
Lumbermens Mutual Casualty Company, Chicago, Ill.
Frank A. Smith, Ph.D., Chairman
University of Rochester, School of Medicine and Dentistry,
Rochester, N. Y.

Berry Parkas

New York State Department of Health, North Horwell, N. Y.

W. G. Friedrich, Sc.D.

Detroit Department of Health, Detroit, Mich.

James W. Hammond

Humble Oil & Refining Company, Houston, Texas

Frank A. Petty

General Motors Corporation, Detroit, Mich.

Edward C. Riley, M.D.

Eastman Kodak Company, Rochester, N. Y.

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ARRANGEMENTS COMMITTEE

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Eastman Kodak Company, Rochester, N. Y.
Richard F. Scherberger, Chairman
Eastman Kodak Company, Rochester, N. Y.
Louis J. Casaroli, Ph.D.
University of Rochester, Rochester, N. Y.
Dean G. Fowler
Chrysler Corporation, Detroit, Mich.
Charles W. Reed
Texas Employers' Insurance Association, Dallas, Texas

★

BANQUET COMMITTEE

William L. Downs, Chairman
University of Rochester, Rochester, N. Y.
D. L. Eschelbach
Ford Motor Company, Dearborn, Mich.
Morton F. Mason, Ph.D.
Parkland Hospital, Dallas, Texas

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ENTERTAINMENT COMMITTEE

Gertrude C. Creasman, Chairman
Bauch and Lomb, Incorporated, Rochester, N. Y.
G. C. Harrold
Consultant, Royal Oak, Mich.

A. S. Levy

Pfauder Company, Rochester, N. Y.

Frank L. Paschall, Jr.

Conair, Fort Worth, Texas

★

SCIENTIFIC EXHIBITS COMMITTEE

William L. Sutton, M.D., Chairman
Eastman Kodak Company, Rochester, N. Y.
John N. Abersold, Ph.D.
American Smelting & Refining Company, El Paso, Texas
Paul M. Giever
University of Michigan, Ann Arbor, Mich.
Robert H. Wilson
University of Rochester, Rochester, N. Y.

★

PROGRAM COMMITTEE

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Ford Motor Company, Dearborn, Mich.
Reuben J. Reaman, Jr.
The Procter and Gamble Company, Cincinnati, Ohio
James H. Rotsford
Bethlehem Steel Company, Bethlehem, Pa.
Dean G. Fowler
Chrysler Corporation, Detroit, Mich.
Paul M. Giever
University of Michigan, Ann Arbor, Mich.
Paul B. Klevin
U. S. Atomic Energy Commission, New York, N. Y.
John L. Menkman
Department of National Health & Welfare, Ottawa, Ontario, Can.
Ralph G. Smith, Ph.D.
Wayne State University, Detroit, Mich.
John A. Zapp, Jr., Ph.D.
E. I. duPont de Nemours & Company, Wilmington, Del.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

PUBLICITY COMMITTEE

William B. Johnson, Chairman
Bethlehem Steel Company, Bethlehem, Pa.
Willard H. Baumann
Jones & Laughlin Steel Corporation, Pittsburgh, Pa.
Edmond C. Brainerd
Mine Safety Appliances Company, Philadelphia, Pa.

★

MONDAY, APRIL 25

POWERS HOTEL

9:30 a.m.—Board of Directors MeetingParlor D
9:40 a.m.—Meeting of Technical Committees—
Air PollutionParlor B
Analytical ChemistryParlor C
EngineeringParlor A
Hygienic GuidesParlor E
NotesRoom 264
RadiationRoom 564
Respiratory Protective EquipmentRoom 125
ToxicologyRoom 122
8:00 a.m.—RegistrationLobby
10:00 a.m.—Meeting, Conference Committee,
Arrangements Committee, Chairmen
and Co-chairmen of all Sessions,
and MentorsTerrace Room
12:00 noon—Local Section Council LuncheonTerrace Room
6:00 p.m.—Board of Directors DinnerParlor D

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TUESDAY, APRIL 26

8:00 a.m.—Registration—War Memorial Auditorium—Exchange
Street Lobby
General Session—War Memorial Auditorium—Room B
Co-chairmen: William G. Fredrick, Sc.D., Detroit Department of
Health, Detroit, Mich., and V. J. Costello, General Motors
Corporation, Detroit, Mich.
9:00 a.m.—Welcome—Elmer P. Wheeler, President, AIHA, Mon-
santo Chemical Company, St. Louis, Mo.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Tuesday, April 26

9:00 a.m.—Panel Discussion: The Hygienist in Code and Law
Making
Industry—Masfred Beeditch, Director of Health and Safety,
Lead Industries Association, New York, N. Y.
Government—E. Lynn Schall, Chief, Occupational Health
Program, New Jersey Department of Health, Trenton, N. J.
Insurance—Andrew Kalmykow, Manager, Casualty Depart-
ment, Association of Casualty & Surety Companies, New
York, N. Y.
Union—F. A. VanAlta, United Auto Workers, Detroit, Mich.
10:20 a.m.—Intermission (Visit Exhibits)
10:40 a.m.—The Role of an Association in Law Making—Joseph R.
Shaw, President, Associated Industries of New York State,
Inc., Albany, N. Y.
11:00 a.m.—The Expert Witness—Tricks of the Trade—Gordon C.
Harrell, Ph.D., Consultant, Royal Oak, Mich.
11:20 a.m.—What is Expected of the Professional Person in Lit-
igation—Neil S. Symons, L.L.D., Vaughn, Brown, Kelley,
Turner and Symons, Buffalo, N. Y.
11:45 a.m.—12:45 p.m.—Annual Business Meeting—AIHA

★

Joint Session, AIHA-ACGIH—War Memorial Auditorium
Room B
Co-chairmen: Clyde M. Berry, Ph.D., State University of Iowa,
Iowa City, Iowa and Warren A. Cook, University of Michi-
gan, Ann Arbor, Mich.
2:10 p.m.—4:00 p.m.—(See page 10, ACGIH, for detail)

Employment Service for AIHA members and employers
seeking industrial hygienists—War Memorial Auditorium,
Room 206—9:00-12:00 and 2:00-5:00, Tuesday and Wed-
nesdays

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WEDNESDAY, APRIL 27
Concurrent Session—TOXICOLOGY—War Memorial Auditorium
North Lobby
Session Arranger: John A. Zapp, Jr., Ph.D., Haskell Laboratory,
E. I. duPont de Nemours & Company, Wilmington, Del.
Co-chairmen: Marian L. Westrick, Ph.D., Industrial Hygiene
Foundation, Mellon Institute, Pittsburgh, Pa. and John G.
Keller, Ph.D., Hazleton Laboratories, Falls Church, Va.
9:00 a.m.—Effects of Temperature on the Susceptibility to Lead
Poisoning—Anna M. Baefjer, Sc.D., Johns Hopkins Univ-
ersity, School of Hygiene and Public Health, Baltimore, Md.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

- 9:15 a.m.—Vinyd Chloride—Acute Inhalation Toxicity to Experimental Animals—E. Mastromatteo, M.D., Division of Industrial Hygiene, Toronto, Ontario, Can., A. M. Fisher and E. Christie, School of Hygiene, University of Toronto, Toronto, Ontario, Can. and H. Bessinger, M.D., Welland County General Hospital, Ontario, Can.
- 9:20 a.m.—The Toxicity of Dichlorohydrin—J. C. Pezzani, M.S., and C. P. Carpenter, Ph.D., Mellon Institute, Pittsburgh, Pa.
- 9:45 a.m.—The Toxicologic Studies of Acrylonitrile, Adiponitrile, and B. Z. Oxidation—J. L. Strickley, Ph.D., and R. P. Floyd, M.D., Department of Health, Education, and Welfare, U. S. Public Health Service, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio
- 10:00 a.m.—Studies on the Toxicity of Trichloroethane (TCE)—W. E. Rieckert, University of Pittsburgh, Graduate School of Public Health, Pittsburgh, Pa.
- 10:15 a.m.—Toxicity Studies with Octafluorocyclobutane (OFCB)—J. W. Clayton, Jr., Ph.D., M. A. Delaplane and D. R. Reed, Haskell Laboratory, E. I. duPont de Nemours & Company, Newark, Del.
- 10:30 a.m.—Intermission (Visit Exhibits)
- 10:45 a.m.—Histopathologic Examination of Nasal Passages of Animals Exposed to Toxics—Paul F. Verlich, B.A., Pathology Branch, Clinical Research Division, U. S. Army Chemical Warfare Laboratories, Army Chemical Center, Md.
- 11:00 a.m.—Acute and Subacute Toxicity Studies of Thallium Compounds—William L. Downs, James K. Scott, M.D., Laville T. Steadman, Ph.D., and Elliott A. Maynard, Ph.D., University of Rochester, Rochester, N. Y.
- 11:15 a.m.—The Toxicity of Perchloryl Fluoride—M. H. Weeks, M.S., Gaseous Branch, U. S. Army Chemical Warfare Laboratories, Army Chemical Center, Md.
- 11:30 a.m.—Toxicological Studies on Hydrocarbons—The Metabolism of the Polyallyl Derivatives of Benzene—H. W. Gerardo, M.D., Ph.D., Medical Research Division, Esso Research & Engineering Company, Linden, N. J.
- 11:45 a.m.—Treatment of Chronic Mercuration with Acetyl D. L. Penicillamine—L. D. Fagnette, B.A., Heinrich G. Bragoch, M.D., and Herbert B. Ekins, Ph.D., Massachusetts Division of Occupational Hygiene, Boston, Mass.

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WEDNESDAY, APRIL 27

Concurrent Session—AIR POLLUTION—War Memorial Auditorium—Room 124

Session Arranger: Paul M. Giever, University of Michigan, Ann Arbor, Mich.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

- Co-chairmen: Harold J. Paulus, Ph.D., University of Minnesota, Minneapolis, Minn. and August T. Resano, California Institute of Technology, Pasadena, Calif.
- 9:00 a.m.—Concentration of Ozone (Oxidant) and Nitrogen Dioxide in the Air of Cincinnati—Jacob Chelak and L. J. Shaeffer, Kettering Laboratory, University of Cincinnati, Cincinnati, Ohio
- 9:20 a.m.—Development of Air Quality and Motor Vehicle Exhaust Standards in California—J. A. Mage, California Department of Public Health
- 9:40 a.m.—Antagonistic Effects of Oil Mists on Air Pollutant Oxidants—W. D. Wagner, O. J. Dobrzenski and H. E. Stohliager, Ph.D., Occupational Health Field Headquarters, U. S. Public Health Service, Cincinnati, Ohio
- 10:00 a.m.—A Tracer Technique to Measure Deposition of Industrial Emissions—E. J. Shafrin, R. A. Duffee, E. W. Unger and R. I. Mitchell, Battelle Memorial Institute, Columbus, Ohio
- 10:20 a.m.—Intermission (Visit Exhibits)
- 10:40 a.m.—Business Meeting
- 11:00 a.m.—The Benz(a)Pyrene Content of the Air of the United States—E. Sawicki, W. C. Elbert, T. R. Hauser, F. T. Fox and T. W. Stanley, Air Pollution Engineering Research, U. S. Public Health Service, Cincinnati, Ohio
- 11:20 a.m.—A Survey of Current Air Pollution Research in Europe—A. C. Stern, U. S. Public Health Service, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio
- 11:40 a.m.—Light Scatter Instrumentation for Measurement of Atmospheric Particulates—J. S. Nader, G. C. Orlman and M. T. Massey, Air Pollution Engineering Research, U. S. Public Health Service, Cincinnati, Ohio

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WEDNESDAY, APRIL 27

Concurrent Session—NOISE—War Memorial Auditorium

—Stage
Session Arranger: James H. Boleford, Bethlehem Steel Company, Bethlehem, Pa.

Co-chairmen: Leo G. Decker, Ph.D., Director, Department of Audiology, Eye and Ear Hospital of Pittsburgh, Pittsburgh, Pa. and Major Elizabeth Guild, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio

9:00 a.m.—Industrial Noise Exposure Evaluation—Stanley E. FIM, Research Center, Liberty Mutual Insurance Company, Hopkinton, Mass.

9:30 a.m.—Ten Years' Experience with Industrial Audiometry—R. C. Riley, M.D., Eastman Kodak Company, Rochester, N. Y.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

10:00 a.m.—Can We Obtain Successful Ear Protection Programs—Roger B. Mass, Ed.D., Employers Mutuals of Wausau, Wis.

10:30 a.m.—Intermission (Visit Exhibits)

10:50 a.m.—Principles of Machinery Noise Reduction—Gay J. Sanders, Industrial Acoustics Company, Inc., New York, N. Y.

11:20 a.m.—Planning for Low Noise—A. L. Oelwerth, Acoustical Engineer, Research Center, Liberty Mutual Insurance Company, Hopkinton, Mass.

12:00 noon—Adjournment

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Concurrent Session—NOISE—War Memorial Auditorium—Stage

Session Arranger: James H. Redford, Bethlehem Steel Company, Bethlehem, Pa.

Co-chairmen: Thomas Bessner, Industrial Hygienist, Aluminum Company of America, New Kensington, Pa. and Paul L. Michael, Ph.D., Research Physicist, Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa.

2:00 p.m.—Machinery Modification for Noise Reduction—Dr. Edgar A. C. Shaw, Division of Applied Physics, National Research Council, Ottawa, Ontario, Can.

2:40 p.m.—Guide for Determining Specifications in the Use of Acoustical Tile—Bruce J. Hall, Industrial Hygienist, U. S. Atomic Energy Commission, Idaho Falls, Idaho

3:00 p.m.—Noise Reduction in a Punch Press Department—George T. Myerark, Plant Engineering Department, International Business Machines Corporation, Endicott, N. Y.

3:15 p.m.—Reduction of Noise from High-speed Riveting Hammers, Automatic Screw Machines and Air Powered Screw Drivers—D. J. Chamberlain, Safety Department, Data Processing Division, International Business Machines Corporation, Poughkeepsie, N. Y.

3:30 p.m.—Business Meeting—Election Noise Session Arranger for 1951

3:40 p.m.—Intermission (Visit Exhibits)

4:00 p.m.—A Punched Card System for Recording Noise Levels—D. J. Chamberlain, Safety Department, Data Processing Division, International Business Machines Corporation, Poughkeepsie, N. Y.

4:20 p.m.—Reduction of Noise from Rotary Knife Cutters—Carl E. Lissak, Kodak Park Works, Eastman Kodak Company, Rochester, N. Y.

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

4:30 p.m.—A Silencer for Blast Furnace Snort Valves—Richard D. Lessnerman, Manager of Sound Control Department, Koppers Company, Inc., Baltimore, Md.

5:00 p.m.—Adjournment

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Concurrent Session—TOXICOLOGY—War Memorial Auditorium—North Lobby

Session Arranger: John A. Zapp, Jr., Ph.D., Haskell Laboratory, 21 I. duPont de Nemours & Company, Wilmington, Del.

Co-chairmen: Anthony M. Ambrose, Ph.D., U. S. Army Chemical Warfare Laboratories, Army Chemical Center, Md. and George J. Levinthal, Ph.D., American Cyanamid Company, Stamford, Conn.

2:00 p.m.—Efficiency of Criteria of Stress in Repeated Oral and Dietary Feeding Toxicological Studies in Rats—John G. Keller, Ph.D., Hazleton Laboratories, Falls Church, Va.

2:20 p.m.—Patterns and Mechanisms in the Elimination of Dust from the Lung—C. W. LaBelle, Ph.D., and Heinrich Brieger, M.D., Jefferson Medical College, Philadelphia, Pa.

2:40 p.m.—A Method for Assessing the Physiological Impairment Produced by Low-Level Exposures to Pulmonary Irritants—James E. Leong, M.S., and Theodore F. Hatch, S.M., University of Pittsburgh, Pittsburgh, Pa.

3:00 p.m.—Intermission (Visit Exhibits)

3:20 p.m.—Contaminant Generators for Continuous Exposure Inhalation Chambers—Robert V. Faltys, M.S.C., Occupational Health Engineering Department, U. S. Navy Toxicology Unit, National Naval Medical Center, Bethesda, Md.

3:40 p.m.—New Methods for Massive Dust Exposures by Inhalation—James D. MacEwen, Edward C. J. Urban and Ralph G. Smith, Ph.D., Department of Industrial Medicine and Hygiene, Wayne State University, Detroit, Mich.

4:00 p.m.—A New Technique for the Experimental Induction of Lung Cancer—Sidney Laskin, B.A., Marshall Danels, M.D., Marvin Kuchner, M.D., and Norbert Nelson, Ph.D., New York University-Bellevue Medical Center, New York, N. Y.

4:20 p.m.—The Mortality from Sublethal Pulmonary Edema Superimposed upon Pneumococcal or Atypical Pneumonia—Paul Gross, M.D., Marian L. Westrick, Ph.D., and James M. McNamee, M.D., Industrial Hygiene Foundation, Mellon Institute, Pittsburgh, Pa.

4:40 p.m.—Business Meeting

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

Concurrent Session—**RADIATION**—War Memorial Auditorium—Room 135

Session Arranger: Paul B. Kleiva, U.S. Atomic Energy Commission, New York Operations Office, New York, N. Y.

Co-chairmen: Leo Gammel, Health Physics Division, Brookhaven National Laboratory, and Merrill Eisenbud, Professor of Industrial Medicine, New York University-Bellevue Medical Center, New York, N. Y.

2:00 p.m.—Guarding Against Major Radiation Accidents in a Large City—J. E. Lynch, Assistant Director, New York City Office of Radiation Control, New York, N. Y.

2:30 p.m.—The Organization of an Emergency Radiation-Response Capability—A. J. Breslin, A. A. Weintraub, and W. B. Harris, U. S. Atomic Energy Commission, HASL, NYOO

2:40 p.m.—Experience with Responses to Emergency Radiation Requests—A. A. Weintraub and A. J. Breslin, U. S. Atomic Energy Commission, HASL, NYOO

3:00 p.m.—Discussion

3:10 p.m.—Intermission (Visit Exhibits)

3:30 p.m.—Industry Evaluation of Radiation and Radiotelescope Use—Robert G. Gallagher and R. G. McAllister, Research Center, Liberty Mutual Insurance Company, Hopkinton, Mass.

3:50 p.m.—AEC Inspection Experience Related to the Use of Radiosensitive Materials—Dr. Marvin M. Mann, Assistant Director for Compliance, U. S. Atomic Energy Commission, Division of Inspection, Washington, D. C.

4:10 p.m.—The Elements of an Effective Comprehensive Radiation Control Program—Hansson Edin, Director, New York City Office of Radiation Control, New York, N. Y.

4:30 p.m.—Study of Occupational Radiation Exposures in Industry in New York State—Albert F. Abraham, Peter Carmichael, M.D., and Morris Kleinfield, M.D., New York State Department of Labor, Division of Industrial Hygiene, New York, N. Y.

Concurrent Session—**ENGINEERING**—War Memorial Auditorium—Room 124

Session Arranger: Ruben J. Rezman, Jr., The Procter & Gamble Company, Cincinnati, Ohio

Co-chairmen: E. A. Manning, Manager, Safety Department, The Goodyear Tire and Rubber Company, Akron, Ohio and Howard L. Kussnetz, Occupational Health Field Headquarters, U. S. Public Health Service, Cincinnati, Ohio

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Wednesday, April 27

2:00 p.m.—Demonstration showing the Effects of Good and Poor Ductwork Design—K. E. Robinson, Industrial Hygiene Department, General Motors Corporation, Warren, Mich.

3:00 p.m.—Business Session

3:20 p.m.—Intermission (Visit Exhibits)

3:40 p.m.—Catalytic Mufflers for CO Control—Berton Karel, Manager, Automotive Division, Oxy-Catalyst, Inc., Wayne, Pa.

4:00 p.m.—Trowellable Epoxy Tank Linings—John Delmonte, President and General Manager, Futane Plastics, Inc., Los Angeles, Calif.

4:20 p.m.—Use of Isopolyesters as Maintenance Coatings—R. W. Stephenson, Ph.D., Product Specialist, Oronite Chemical Company, San Francisco, Calif.

4:40 p.m.—Air Flow Resistance of Flexible Metal Hose—Melvin W. First, Sc.D., Consulting and Research Engineer, Newton, Mass. and Frederick J. Viles, Jr., M.S., Medical Department, Massachusetts Institute of Technology, Cambridge, Mass.

Employment Service for AIHA members and employers seeking industrial hygienists—War Memorial Auditorium, Room 208—9:00-12:00 and 2:00-5:00, Tuesday and Wednesday.

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6:30 p.m.—American Industrial Hygiene Association Annual Banquet

21st Anniversary Speaker—G. C. Stewart, Executive Vice-President, National Safety Council, Chicago, Ill. Powers Hotel Ballroom

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THURSDAY, APRIL 28

7:30 a.m.—Past Presidents' Breakfast—Powers Hotel—Parlor D

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Concurrent Session—**TOXICOLOGY**—War Memorial Auditorium—North Lobby

Session Arranger: John A. Zapp, Jr., Ph.D., Haskell Laboratory, E. I. duPont de Nemours & Company, Wilmington, Del.

Co-chairmen: J. W. Clayton, Jr., Ph.D., Haskell Laboratory, E. I. duPont de Nemours & Company, Wilmington, Del. and Don D. McCallister, The Dow Chemical Company, Midland, Mich.

9:00 a.m.—Acute and Chronic Toxicity of Diodine (Dioleoylglycidine Acetate)—G. J. Levinson, Ph.D., Lena E. Vidone, B.S., J. J. O'Grady, M.S., and C. R. Shaffer, Ph.D., American Cyanamid Company, Stamford, Conn.

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Thursday, April 28

- 9:15 a.m.—A Study of the Deposition and Short Term Retention of Phosgene in Rats—B. E. Beecher, University of Rochester, School of Medicine and Dentistry, Rochester, N.Y.
- 9:30 a.m.—The Deposition, Short-Term Retention and Fate of Iridium-192 in Rats Following Inhalation—L. J. Casarett, Ph.D., R. Mann, R. Katz and J. E. Scott, M.D., University of Rochester, School of Medicine and Dentistry, Rochester, N.Y.
- 9:45 a.m.—Carcinogenic Studies on Water Insoluble Polymers—W. C. Kepper, M.D., National Cancer Institute, Bethesda, Md.
- 10:00 a.m.—Selection and Care of the Laboratory Animal—The Most Important Component of Biological Experimentation—Robert H. Deryn, D.V.M., Department of Industrial Medicine and Hygiene, Wayne State University, Detroit, Mich.
* On loan by U. S. Public Health Service
- 10:15 a.m.—Intermission (Visit Exhibits)
- 10:30 a.m.—The Toxicity of Bromochloromethane (Methylene Chloride) As Determined on Laboratory Animals—T. R. Torkelson, F. Oym and V. E. Bove, The Dow Chemical Company, Midland, Mich.
- 10:45 a.m.—The Reactions of Rat Bladder with Metabolites of Beta-Naphthylamine—Sidney Selman, Ph.D., and Walter Troll, Ph.D., New York, N.Y.
- 11:00 a.m.—Chemical Cystitis—Causes, Effects and Prevention—J. M. Weatherford, M.D., A. L. Duck, D.D., and E. C. Charney, M.D., Medical Division, Industrial Hygiene Laboratory, Chambers Works, E. I. duPont de Nemours & Company, Wilmington, Del.
- 11:15 a.m.—Patch Test Study to Determine Cutaneous Reaction to New Compounds—Joseph V. Klender, M.D., Graduate School of Medicine, University of Pennsylvania, Philadelphia, Pa.
- 11:30 a.m.—The Carcinogenic Effect of Single and Repeated Doses of 3-4-Benzopyrene—William W. Payne, Sc.D., and W. C. Hueper, M.D., National Institutes of Health, Bethesda, Md.
- 11:45 a.m.—Comparative Metabolism of Benzene Homologues in the Syrian Golden Hamster—S. L. Lohm, Ph.D., Department of National Health and Welfare, Ottawa, Ontario, Can.

THURSDAY, APRIL 28

Concurrent Session—RADIATION—War Memorial Auditorium—Room 124

- Session Arranger: Paul B. Klerks, U. S. Atomic Energy Commission, New York Operations Office, New York, N.Y.
- Co-chairmen: T. J. Burnett, Health Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tenn., and J. A. Martin, Pratt and Whitney Aircraft Division of United Aircraft Corporation, Connecticut Operations, Canel, Middletown, Conn.
- 9:30 a.m.—Communications Media Employed in Health Physics at the Knolls Atomic Power Laboratory—L. J. Cherubini, General Electric Company, Schenectady, N. Y.

Thursday, April 28

- 9:30 a.m.—Radioactive Waste Disposal at the Georgia Nuclear Laboratory—B. M. Bowen, J. M. Selby and J. H. Edgerton, Nuclear Safety Department, Lockheed Nuclear Products Branch, Dawsonville, Ga.
- 9:40 a.m.—Design Features and Operational Procedures for the new Brookhaven National Laboratory Radiation Laundry and Reclamation Facility—S. G. Peatrall, Health Physics Division, Brookhaven National Laboratory
- 10:00 a.m.—The Mathematical Treatment of Urine Uranium Excretion Data—M. Lippmann, L. Ong and W. B. Harris, U.S. Atomic Energy Commission, Health and Safety Laboratory, NYOO
- 10:20 a.m.—Discussion
- 10:30 a.m.—Intermission (Visit Exhibits)
- 11:00 a.m.—A Proportional Liquid Effluent Sampler for Large Volume Flows—H. R. Abbe and J. C. Hart, Oak Ridge Nuclear Laboratory, Oak Ridge, Tenn.
- 11:20 a.m.—Photofluorographic Study—E. J. Baker, Pennsylvania Department of Health, Harrisburg, Pa.
- 11:40 a.m.—The Effectiveness of Combinations of Common Building Materials as Compared to Lead Equivalents at Several Kilo-voltages of X-Rays—Charles E. Spalding, New England Deaconess Hospital, Boston, Mass.
- 12:00 noon—Discussion

THURSDAY, APRIL 28

Concurrent Session—CHEMICAL AND ANALYTICAL—War Memorial Auditorium—Room 135

- Session Arranger: John L. Meekman, Occupational Health Laboratory, Department of National Health and Welfare, Ottawa, Ontario, Can.
- Co-chairmen: William H. Hill, Ph.D., University of Pittsburgh, Pittsburgh, Pa. and E. G. Keenan, Department of Health, Education, and Welfare, U. S. Public Health Service, Occupational Health Field Headquarters, Cincinnati, Ohio
- 9:00 a.m.—Data on Ultraviolet Absorption and Fluorescent Emission—J. A. Houghton and George Lee, Industrial Chemical Service, Liberty Mutual Insurance Company, Boston, Mass.
- 9:15 a.m.—Protein Isolation from Samples of Airborne Particles—Velda Goppers, M.S. and Harold J. Paulsen, Ph.D., University of Minnesota, Minneapolis, Minn.
- 9:30 a.m.—Microscopic Identification of Air Pollutants—W. C. McCross, Ph.D., Walter C. McCross Associates, Chicago, Ill.
- 9:50 a.m.—The Identification and Estimation of Air Pollutant Particles Using the Ring Oven and Associated Techniques—Philip W. West, Ph.D., Louisiana State University and George R. Lyles and G. C. Gacke, Jr., Kcm-Tech Laboratories Inc., Baton Rouge, La.

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Thursday, April 26

- 10:15 a.m.—An Instrument for Determining Airborne Ion Concentrations—A. L. Mendenhall and D. A. Fraser, U. S. Public Health Service, Occupational Health Field Headquarters, Cincinnati, Ohio
- 10:20 a.m.—Intermission (Visit Exhibits)
- 10:45 a.m.—The Determination of n-Butylamine in Air—Richard F. Scherberger and Franklin A. Miller, Eastman Kodak Company, Rochester, N. Y.
- 10:55 a.m.—A Direct Injection Method for Determination of Organic Vapors in Air Samples—Benjamin T. Leveside, Department of Health, State of Vermont, Barre, Vt.
- 11:10 a.m.—Analysis of Chlorinated Hydrocarbons with the Gas Chromatograph—Paul Ursino, Ph.D. and John Evans Smith, University of Colorado, Boulder, Colo.
- 11:25 a.m.—Nine Years' Experience with the Davis Halide Meter—A. W. Schaffer and H. R. Hoyle, The Dow Chemical Company, Midland, Mich.
- 11:40 a.m.—A new Compressed Air Drives High Volume Sampling Instrument—J. F. Windish, Department of National Health and Welfare, Ottawa, Ontario, Can.
- 11:50 a.m.—Determination of Human Serum Cholinesterase Activity With o-Nitrophenylbutyrate—A. R. Mah, Ph.D. and P. E. Bresla, Ph.D., Department of National Health and Welfare, Ottawa, Ontario, Can.

Concurrent Session—RADIATION—War Memorial Auditorium—North Lobby

- Session Arranger: Paul E. Klevin, U. S. Atomic Energy Commission, New York Operations Office, New York, N. Y.
- Co-chairmen: William E. Harris, Chief, Environmental Sciences Division, U. S. Atomic Energy Commission, HASL, NYOO and Duncan A. Holsday, Division of Occupational Health, Fort Douglas Station, Salt Lake City, Utah
- 2:00 p.m.—Environmental Monitoring at AEP 67—J. M. Selby, R. M. Bowen and J. H. Edgerton, Nuclear Safety Department, Lockheed Nuclear Products Branch, Dawsonville, Ga.
- 2:20 p.m.—A Comparison of the Composition of Reactor Waste Solutions and Radioactive Fallout—William J. Leroy, Office of Civil and Defense Mobilization, Battle Creek, Mich.
- 2:40 p.m.—The Determination of Air-borne Particulate Radioactivity—L. R. Satter and G. I. Costa, U. S. Public Health Service, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio and G. R. Hagen, Monsanto Chemical Company, Miami, Ohio
- 3:00 p.m.—Discussion
- 3:10 p.m.—Business Session
- 3:20 p.m.—Intermission (Visit Exhibits)
- 3:40 p.m.—Environmental Contamination from Burning Uranium Metal—M. E. Weinstein and A. J. Breslin, U. S. Atomic Energy Commission, HASL, NYOO

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Thursday, April 26

- 4:00 p.m.—Air-borne Particulate Beta Radioactivity Measurements of the National Air Sampling Network—L. R. Satter, C. E. Ziemer, D. S. Licking and E. C. Tabor, U. S. Public Health Service, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio
- 4:20 p.m.—Particulate Studies of the BNL Pile Cooling Air Effluent—John P. Potter, Jr., Research Associates, Brookhaven National Laboratory
- 4:40 p.m.—Industrial Hygiene Aspects Associated with the Decontamination of a Building Contaminated with Radium—R. L. Hoover, Combustion Engineering, Inc., Windsor, Conn.

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Concurrent Session—CHEMICAL AND ANALYTICAL—War Memorial Auditorium—Room 135

- Session Arranger: John L. Meekman, Occupational Health Laboratory, Department of National Health and Welfare, Ottawa, Ontario, Can.
- Co-chairmen: J. A. Houghton, Liberty Mutual Insurance Company, Boston, Mass. and R. G. Smith, Ph.D., Wayne State University, Detroit, Mich.
- 2:00 p.m.—Determination of Dibutyl Mercury Vapor in Air—Eusebio A. Quina, Esso Standard Oil Company, Linden, N.J.
- 2:15 p.m.—Mercury Urinalysis—An Effective Industrial Hygiene Control—R. N. Corning, Micro Switch Division, Minneapolis-Honeywell, Freeport, Minn.
- 2:30 p.m.—A Survey of Results of Investigations on Some Organic Mercury Compounds used as Insecticides—A. Svensson, M.D. and K. D. Lundgren, M.D., Caroline Hospital, Stockholm, Sweden
- 2:45 p.m.—Determination of Mercury in Blood—Merris R. Jacobs, Ph.D., S. Yamaguchi, Ph.D. and Leonard J. Goldwater, M.D., Columbia University, New York, N. Y.
- 3:00 p.m.—The Polarographic Determination of Thallium in an Atmospheric Sample—Elimination of Lead Interference by Amperometric Titration with EDTA—A. S. Landry, International Corporation Administration, Lima, Peru
- 3:15 p.m.—Determination of Decaborane and Pentaborane by means of Triphenyl Tetrazolium Chloride—William B. Hill, Ph.D., University of Pittsburgh, Pittsburgh, Pa., Larry J. Kohne, Ph.D., Gallery Chemical Company, Gallory, Pa., Jean M. Merrill, Betty J. Palm and Jack Seala, Southwestern Pennsylvania Water Authority, and Ulysses Urquiza, Servicio Nacional De Salud, Santiago, Chile
- 3:30 p.m.—Business Meeting
- 3:40 p.m.—Intermission
- 4:00 p.m.—Determination of Decal. . . . by means of Ferricyanide—William H. Hill, Ph.D., University of Pittsburgh, Pittsburgh, Pa. and Jean M. Merrill and Betty J. Palm, Southwestern Pennsylvania Water Authority

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AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Thursday, April 23

- 4:15 p.m.—Determination of Manganese in Air and Biological Material—J. Chadek and D. M. Hubbard, Kettering Laboratory, University of Cincinnati, Cincinnati, Ohio
- 4:20 p.m.—A Statistical Comparison of Results from Five Hemoglobin Procedures Applied to Industrial Chemical Exposure Control—J. M. Wetherfield, M.D., A. I. Leach, R. C. Charles and H. C. Harris, Chambers Works, E. I. duPont de Nemours & Company, Paines Grove, N. J.
- 4:45 p.m.—The Application of Radioactive Cathodes—The Analysis of Ozone—C. Hoesel, D. Check, C. Ziegler and F. Breussler, Tracorlab Inc., Waltham, Mass.
- 5:00 p.m.—Separation of Fluoride by Ion Exchange—Application to Urine Analysis—N. A. Tahirli, U. S. Public Health Service, Occupational Health Field Headquarters, Cincinnati, Ohio

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Concurrent Session—AIR POLLUTION AND ENGINEERING—War Memorial Auditorium—Room 124

- Session Arrangements: Paul M. Glover, University of Michigan, Ann Arbor, Mich. and Reuben J. Bozman, Jr., The Freter & Gamble Company, Cincinnati, Ohio
- Co-chairmen: Kenneth E. Robinson, General Motors Corporation, Warren, Mich. and J. A. Martin, Pratt and Whitney Aircraft, Hartford, Conn.
- 2:00 p.m.—Multi-operational Chamber for Calibration Purposes—R. S. Brief and F. W. Church, Esso Research & Engineering Company, Linden, N. J.
- 2:05 p.m.—A Study of the Relation of Visibility to Air Pollution—E. W. Barr, U. S. Weather Bureau Research Station, Air Pollution Engineering Research, U. S. Public Health Service, Cincinnati, Ohio
- 2:50 p.m.—Particle Sizes of Various Dusts in Urastum and Beryllium Edmestons—M. Lippman, U. S. Atomic Energy Commission, New York Operations, New York, N. Y., R. H. Starkey, National Lead Co. of Ohio, Cincinnati, Ohio and E. E. Christofani, The Beryllium Corporation, Reading, Pa.
- 3:15 p.m.—Intermission (Visit Exhibit)
- 3:25 p.m.—Automatic Sampling and Determination of Microquantities of Mercury Vapor—W. C. L. Henson and G. F. Balson, Henson Associates, Pittsburgh, Pa.
- 4:00 p.m.—A Comparison of Various Particulate Samplers used in Coal Mine Surveys—J. Memola, R. Mahan, G. Berthal and E. Gulick, Pennsylvania Department of Health, Harrisburg, Pa.
- 4:20 p.m.—Dust Collecting Equipment Application—E. A. Carney, Kirk and Blum Manufacturing Company, Cincinnati, Ohio
- 4:40 p.m.—The Zone Method of Air Pollution Control—W. C. McCross, Ph.D., Walter C. McCross Associates, Chicago, Ill.

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

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HEADQUARTERS OFFICE
170 East 61st Street
New York 21, N. Y.

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

EIGHTEENTH ANNUAL MEETING

Rochester, New York
April 28-29, 1960

★

Ruth E. Ames, R.N., Conference Chairman
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Margaret E. Hutchins, R.N., Program Chairman
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Stromberg Carlson Division, General Dynamics Corporation,
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Stromberg Carlson Division, General Dynamics Corporation,
Rochester, N.Y.

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

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Eastman Kodak Company, Rochester, N.Y.
Francis O'Connell, R.N.
Eastman Kodak Company, Rochester, N.Y.
Lucille Ogden, R.N.
Eastman Kodak Company, Rochester, N.Y.
Anne Porter, R.N.
E. W. Edwards & Son, Rochester, N.Y.

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

TOURS COMMITTEE

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Irene Kline, R.N., Retired, Rochester, N. Y.
Ruth Livingston, R.N.
Atomic Energy Project, University of Rochester
Mary Sander, R.N.
Stromberg Carlson Division, General Dynamics Corporation,
Rochester, N. Y.

Theme: MODERN CONCEPTS IN INDUSTRIAL NURSING

MONDAY, APRIL 26

8:00 a.m.-4:00 p.m.—RegistrationSheraton Hotel

TUESDAY, APRIL 26

8:00 a.m.—Registration—War Memorial Auditorium
9:00-11:00 a.m.—Opening Session—War Memorial Auditorium—
Room A
Presiding: Ruth H. Arman, R.N., Conference Chairman,
Eastman Kodak Company, Rochester, N. Y.
Invocation: Rabbi Herbert Bronstein, Temple Beth Kodak,
Rochester, N. Y.
Greetings: Margaret L. Steele, R.N., President, AAIN,
American Brake Shoe Company, Brewster, Mo.
Catherine E. Dempsey Lecture—Modern Concepts in In-
dustrial Nursing—Joan Weaver, R.N., Division Occupa-
tional Health Consultant, Loss Prevention Medical Depart-
ment, Liberty Mutual Insurance Company, Baltimore, Md.
11:00 a.m.—Visit Exhibits

2:00-4:00 p.m. War Memorial Auditorium—Room A
Presiding: Helen T. Dabbs, R.N., Treasurer, AAIN, Min-
neapolis Honeywell Regulator Company, Brown Instrument
Division, Philadelphia, Pa.
Lectures and Demonstrations
Hypnosis in Medical and Surgical Procedures—Philip Ament,
D.D.S., Buffalo, N. Y.

4:00 p.m.—Visit Exhibits

6:00-8:00 p.m.—Social Hour and Smorgasbord—Sheraton Hotel,
Starlight Roof

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

WEDNESDAY, APRIL 27

9:00-11:30 a.m.—Annual Business Meeting—War Memorial Audi-
torium—Room A
(Note: AAIN 1960 Membership cards required for admis-
sion)
Presiding: Margaret L. Steele, R.N., President, AAIN
Parliamentarian: Mrs. Lucy Kuntley, Washington, D. C.
11:00 a.m.—Visit Exhibits

12:00 noon—Luncheon for Visiting Nurses in Industry—Sheraton
Hotel—Victorian Room

2:00-4:00 p.m. War Memorial Auditorium—Room A
Presiding: Helen M. Costen, R.N., Member Board of Di-
rectors, AAIN, Baugh & Lomb, Incorporated, Rochester,
N. Y.

Industrial Nurse's Function in Radiation Control—
Moderator: Don C. Lyne, Director of Television and Radio,
University of Rochester, Rochester, N. Y.

Participants:
Lawrence Tuttle, M.D., Assistant Professor of Radiation
Biology, Atomic Energy Project, University of Rochester,
Rochester, N. Y.
William L. Suttan, M.D., Staff Physician, Industrial Medi-
cal Laboratory, Eastman Kodak Company, Rochester N. Y.
Ethel Leach, R.N., Head Dispensary Nurse, Eastman
Kodak Company, Rochester, N. Y.

4:00 p.m.—Visit Exhibits

THURSDAY, APRIL 28

9:00-11:00 a.m. War Memorial Auditorium—Room A
Presiding: Catherine M. Colling, R.N., Second Vice-Pres-
ident, AAIN, Standard Oil Company of California, San
Francisco, Calif.

Demonstration—Workmen's Compensation Hearing Illustrat-
ing the Role of the Industrial Nurse

Participants:
Daniel G. Kennedy, of the Law Firm of Nixon, Hargrave,
Devans and Day, Rochester, N. Y.
Salvatore M. Lefebvre, Attorney at Law, Rochester, N. Y.
Leslie G. Heron, Branch Claims Manager, Utica Mutual
Insurance Company, Rochester, N. Y.
Catherine Heveres, R.N., Head Nurse, Camera Works,
Apparatus and Optical Division, Eastman Kodak Company,
Rochester, N. Y.

11:00 a.m.—Visit Exhibits

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AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

Thursday, April 28

2:30-4:30 p.m. War Memorial Auditorium—Room A
Presiding: Ruth G. Whitfield, R.N., First Vice-President,
AAIN, Texaco, Inc., New York, N. Y.

"It's About Time"—to treat the employee as a whole—
Moderator: J. F. McCahan, M.D., Medical Director, Hawthorne Works, Western Electric Company, Chicago, Ill.

Participants:

Leon J. Warshaw, M.D., F.A.C.P., Consultant, Occupational
Health Programs, Medical Director of Paramount Pictures
Corporation and United Artists Corporation, New York,
N. Y.

William G. Johnson, General Manager, National Safety
Council, Chicago, Ill.

A. Howard Pollock, Director of Industrial Relations,
Smith-Corona Marchant, Inc., Syracuse, N. Y.

Edna Watson, R.N., Member Board of Directors, AAIN,
Guide Lamp Division, General Motors Corporation, Ander-
son, Ind.

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7:00 p.m.—American Association of Industrial Nurses Annual
Banquet, Sheraton Hotel—Ballroom

Presiding: Margaret L. Stebb, R.N., President, AAIN

Invocation: Reverend Murray Caylor, First Presbyterian
Church, Rochester, N. Y.

Living It Up—Reverend Harold C. Keshinger, "The Quaker
Judge from New Jersey"

Benediction: Father Richard Tormoy, Chaplain, Our Lady
of Mercy High School, Rochester, N. Y.

INDUSTRIAL MEDICAL ASSOCIATION

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 Ontario—A. J. Deane, M.D., Toronto
 Quebec & Newfoundland—Edwin A. Torcel, M.D., Montreal
 Saskatchewan—Norman Williams, M.B., B.S., Regina
 CUBA—Rafael Ponsalver Ballina, M.D., Habana
 PUERTO RICO—E. Vazquez-Milan, M.D., San Juan

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FORTY-FIFTH ANNUAL MEETING

Rochester, New York

April 26-28, 1960

★

Gracie R. Rowntree, M.D., Deputy General Chairman IHC
 Pawcett-Deering Printing Company, Louisville, Ky.

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Harry A. Hanson, M.D., Program Chairman

Eastman Kodak Company, Rochester, N. Y.

Arthur L. Knight, M.D., Arrangements Chairman

Rausch & Lomb, Incorporated, Rochester, N. Y.

Gordon M. Bennett, M.D., Banquet Chairman

Eastman Kodak Company, Rochester, N. Y.

Matthew E. Fairbank, M.D., Publicity Chairman IHC

Eastman Kodak Company, Rochester, N. Y.

F. J. Weismiller, Jr., M.D., IMA Publicity Chairman

Stromberg Carlson Co., Division of General Dynamics Corporation,
 Rochester, N. Y.

George A. Hardie, M.D., Scientific Exhibits Chairman

Eastman Kodak Company, Rochester, N. Y.

Mrs. Matthew E. Fairbank, Chairman,
 Ladies Entertainment Committee

Members of the Academy of General Practice will be
 allowed hour-for-hour informal post-graduate credit for
 attendance at this meeting.

INDUSTRIAL MEDICAL ASSOCIATION

SUNDAY, APRIL 24

- 9:00 a.m.—Registration—Manger Hotel—
- 9:00 a.m.—Joint Meeting—Manger Hotel—Ontario Room
Officers and Directors
Component Society Officers
District Councils
Committee Chairmen
Nominations for Directors
Newly Appointed Councilors
Newly Appointed Committee Chairmen
- 12:00 p.m.—Luncheon—Manger Hotel—Ballroom
- 2:00-5:00 p.m.—Continuation of Joint Meeting—Ontario Room

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- 6:00 p.m.—Board of Directors Dinner—Manger Hotel, Lilaac Room
- 7:00 p.m.—Board of Directors Executive Session—Ontario Room

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MONDAY, APRIL 25

- 9:00 a.m.—Registration—Manger Hotel—
- 2:00 p.m.—Plant Tours—See page 6

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TUESDAY, APRIL 26

Buses to Clinics will leave from the War Memorial Auditorium at 9:30 a.m. (There are no parking facilities for private vehicles at Strong Memorial Hospital.)

FRACTURE CLINIC—Rochester General Hospital (Northside Division) 1425 Portland Avenue—Conference Room, 4th Floor

10:00 a.m.—12:00 noon—Chairman: M. LAWSON BOWE, M.D., Chief of Orthopedic Surgery, Rochester General Hospital, Consultant in Orthopedic Surgery, Eastman Kodak Company. Clinical Assistant Professor of Orthopedic Surgery, University of Rochester, School of Medicine and Dentistry

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SURGICAL CLINIC—Strong Memorial Hospital, 200 Crittenden Boulevard—Lecture Room—6-169

Chairman: STANLEY W. WILDER, M.D., Assistant Professor of Surgery, University of Rochester, School of Medicine and Dentistry, Consultant in Surgery, Eastman Kodak Company

10:00 a.m.—The Changing Picture of Hand Injuries in Industry—Robert M. McCormack, M.D., Professor of Plastic Surgery, University of Rochester, School of Medicine and Dentistry

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INDUSTRIAL MEDICAL ASSOCIATION

Tuesday, April 26

10:00 a.m.—Problems of Tetanus in Industry with Particular Reference to Immunization Programs—Charles E. Sherman, M.D., Assistant Professor of Surgery, University of Rochester, School of Medicine and Dentistry

11:20 a.m.—The Healing of Burns—J. Raymond Blahaw, M.D., Chief, Burn Unit, University of Rochester, School of Medicine and Dentistry, Atomic Energy Project, Assistant Professor of Surgery, University of Rochester, School of Medicine and Dentistry

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MEDICAL CLINIC—Strong Memorial Hospital, 260 Crittenden Boulevard—Lecture Room—K-307

Chairman: NORMAN J. ASCHENBERG, M.D., Clinical Senior Instructor in Medicine and Psychiatry, University of Rochester, School of Medicine and Dentistry

10:00 a.m.—Predicting the Course of Heart Disease—George R. Lovell, M.D., Clinical Instructor in Medicine, University of Rochester, School of Medicine and Dentistry, Cardiac Consultant, Eastman Kodak Company

10:00 a.m.—Problems of Tetanus in Industry with Particular Reference to Immunization Programs—Charles D. Sherman, Jr., M.D., Assistant Professor of Surgery, University of Rochester, School of Medicine and Dentistry, and David Barabes, M.D., Chief Resident, Surgery, Genesee Hospital

11:20 a.m.—The Pain-Prone Patient—George L. Engel, M.D., Professor of Psychiatry and Associate Professor of Medicine, University of Rochester, School of Medicine and Dentistry

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DERMATOLOGY CLINIC—War Memorial Auditorium—Room 124
Chairman: RAYMOND R. SUNKIE, M.D., Associate Professor of Dermatology and Industrial Medicine, College of Medicine, University of Cincinnati, Cincinnati, Ohio

10:00 a.m.—Contact Dermatitis from Methyl Iodide—William R. Buckley, M.D., Clinical Instructor in Medicine (Dermatology), University of Rochester, School of Medicine and Dentistry, Consultant in Dermatology, Eastman Kodak Company; and Associates

10:30 a.m.—Dermatitis in a Munitions Worker—Joseph V. Klauder, M.D., Clinical Professor of Dermatology, Graduate School, University of Pennsylvania, Philadelphia, Pa.

11:00 a.m.—Generalized Dermatitis Attributed to Paint Thinner—M. Harlan Smith, M.D., M.Sc. (Medicine), Assistant Professor of Dermatology, Section of Industrial Dermatology, University of Pennsylvania, Philadelphia, Pa.

11:30 a.m.—Multiple Basal Cell Carcinomas Allegedly Due to Occupational Exposure—Donald J. Birmingham, M.D., Medical Director and Chief Dermatologist, U. S. Public Health Service, Associate Professor of Dermatology, College of Medicine, University of Cincinnati, Cincinnati, Ohio; and Associates

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INDUSTRIAL MEDICAL ASSOCIATION

Tuesday, April 26

GENERAL SESSIONS—War Memorial Auditorium—Stage

- 3:00 p.m.—Opening Remarks—D. John Lauer, M.D., President, IMA
- 3:15 p.m.—Address of Welcome—The Honorable Peter Barry, Mayor of Rochester
- 3:30 p.m.—Supplegton Memorial Lecture (Sponsored by the Occupational Health Institute)
Industrial Medicine—What It Takes—William P. Shepard, M.D., Chairman, Council on Occupational Health, American Medical Association, Chief Medical Director, Metropolitan Life Insurance Company, New York, N. Y.
- 3:45-3:55 p.m.—Intermission (Visit Exhibits)
- 3:55-5:00 p.m.—Medical Care in Industry—Stage
Chairman: Ann Barnes, M.D., United Mine Workers Association Welfare and Retirement Fund, Louisville, Ky., Chairman, Committee on Medical Care
- 3:00 p.m.—The Four Health Centers of the Amalgamated Clothing Workers of America—Morris Brand, M.D., Medical Director, New York, N. Y.
- 3:50 p.m.—Medical Care under the Transit Employees' Health and Welfare Plan—Walter J. Bierwagen, President, Amalgamated Association of Street, Electric Railway and Motor Coach Employees of America, AFL-CIO, Washington, D. C.
- 4:10 p.m.—A Community Approach to Rural Medicine—Childred R. Beechey, M.D., Medical Director, Rip Van Winkle Clinic, Hudson, N. Y.
- 4:30 p.m.—Discussion and questions from the audience

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WEDNESDAY, APRIL 27

- 9:00 a.m.—12:00 noon—Joint Session, Medical and Surgical Sections—War Memorial Auditorium—Room B
Chairman: Frederick D. Hughes, M.D., Medical Director, Apparatus and Optical Division, Eastman Kodak Company
- MOCK TRIAL—Heart Disease and Workmen's Compensation—Discussion of a Hypothetical Case—
Abraham Markhoff, LL.B., Associate Editor, NACCA Law Journal, Lecturer, Practising Lawyers Institute (Attorney for the Plaintiff)
- Albert Averbach, LL.B., Author and Lecturer, Former President of International Academy of Trial Lawyers (Attorney for the Defense)
- George J. Shivington, Sr., LL.B., Trial Attorney, Former President, Rochester Bar Association (Referee)

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INDUSTRIAL MEDICAL ASSOCIATION

Wednesday, April 27

Mendel Jacob, M.D., Consultant, Pathology, and Attending Physician, Jewish Chronic Disease Hospital, Brooklyn, N. Y., Consultant, U. S. Public Health Service (Physician for the Defense)

John J. Flaig, M.D., Consultant in Medicine, University of Rochester, School of Medicine and Dentistry (Physician for the Plaintiff)

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2:00-2:30 p.m.—Joint Session, Medical and Surgical Sections—War Memorial Auditorium—Room B

Co-chairmen: W. D. Norwood, M.D., Chairman, IMA Radiation Committee and N. Gillmer Long, M.D., Chairman, IMA Workmen's Compensation Committee

Panel Discussion: Radiation Injury and Workmen's Compensation

Moderator: Thomas L. Shipman, M.D., Member of IMA Radiation Committee

2:00 p.m.—Permissible Dose Levels—Some Underlying Concepts—Hyman L. Friedell, M.D., Chairman of Ad Hoc Committee, NCRP—Permissible Somatic Radiation Dose for the General Population, Professor of Radiology, Western Reserve University School of Medicine

2:20 p.m.—Application of Workmen's Compensation Laws to Radiation Injuries—John E. Dana, Assistant Counsel, Liberty Mutual Insurance Company

2:40 p.m.—Statement on the Diagnosis and Compensation of Harmful Effects Arising as a Result of Work Involving Exposure to Ionizing Radiation, by the Radiation and Workmen's Compensation Committees of IMA—W. Dazgett Norwood, M.D., Chairman, Radiation Committee

3:00 p.m.—Questions and Discussion

Intermission (Visit Exhibits)

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3:30-5:00 p.m.—IMA Annual Business Meeting—War Memorial Auditorium—Room B

Presiding: D. John Lauer, M.D., President, IMA
Fellowship Address—Kieffer Davis, M.D., Past-President IMA, Medical Director, Phillips Petroleum Company, Bartlesville, Okla.

Fellowships to be conferred upon:

Stanley Maryan Averbach, M.D. Niagara Falls, N. Y.
Dan Dyar, M.D. New Orleans, La.
Walter Zwief, M.D. Azusa, Calif.
Glenn Orval Beach, M.D. Casper, Wyo.
Nelson Wayne Bolyard, M.D. Chicago, Ill.
John McLaughlin Brewster, M.D. Philadelphia, Pa.

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Wednesday, April 27

Robert Erb Brubaker, M.D. Long Island, N. Y.
 Sam Ransom Barnett, M.D. Schenectady, N. Y.
 Lloyd Edward Casper, M.D. Tulsa, Okla.
 George Duncan Dick, M.D. Baton Rouge, La.
 George H. Donnelly, M.D. Akron, Ohio
 William Thomas Doran, Jr., M.D. Washington, D. C.
 Leonard McFerrin Draper, M.D. Corpus Christi, Texas
 Leonard Francis Fagnano, M.D. Youngstown, Ohio
 Richard Alan Fand, M.D. New Orleans, La.
 John Elias Ford, Jr., M.D. Terre Haute, Ind.
 Clarence Alfred Gallagher, M.D. Oklahoma City, Okla.
 Walter Jakob Gerstle, M.D. Harrisburg, Pa.
 Joseph Louis Gleser, M.D. Denver, Colo.
 Leslie William Griffin, M.D. Indianapolis, Ind.
 James Franklin Hays, M.D. Dover, Del.
 David Herbert Horch, M.D. San Diego, Calif.
 Charles Lenn Johnson, Jr., M.D. Grand'mere, Quebec
 Warren Hunter Jones, M.D. Bartlesville, Okla.
 Arthur Low Knight, M.D. Rochester, N. Y.
 Ernest John Krahler, M.D. Alton, Ohio
 Laurens Pierrepont LaRoche, M.D. Patrick Air Force Base, Fla.
 Thomas Abraham Lincoln, M.D. Oak Ridge, Tenn.
 John Alexander MacMillan, M.D. Vancouver, British Columbia
 Albert Maxwell May, M.D. Bartlesville, Okla.
 Paul Meares, M.D. Steubenville, Ohio
 John Gerhardt Meyer, Jr., M.D. Springfield, Ill.
 Leo Frederick Miller, M.D. Chicago, Ill.
 Howard Melvin Miner, M.D. Steubenville, Ohio
 Raymond William Murray, M.D. Washington, D. C.
 Floyd Julius O'Hara, M.D. Vancouver, Wash.
 John Anthony Palocz, M.D. Chicago, Ill.
 Leslie Arthur Patterson, M.D. Vancouver, British Columbia
 Virgil Matthew Payne, Jr., M.D. Dallas, Texas
 James Thomas Perrot, M.D. Baton Rouge, La.
 Emmett McNeil Pettis, M.D. Fullerton, Calif.
 Edwin Robert Plumbett, M.D. Barbours, Ohio
 John Post, M.D. Chicago, Ill.
 Joseph Fredric Friesling, M.D. Denver, Colo.
 Constantine George Psaki, M.D. Philadelphia, Pa.
 Thomas Lafayette Ray, M.D. Knoxville, Tenn.
 Nolan Clarence Riley, M.D. Tulsa, Okla.
 Robert Roy Robinson, Jr., M.D. Salt Lake City, Utah
 William Alexander Roy, M.D. New Orleans, La.
 Walker Gordon Saunders, M.D. Vancouver, British Columbia
 David Joe Smith, M.D. Braddock, Pa.
 Frederick William Sunderman, M.D. Philadelphia, Pa.
 John Sylvester Tobin, M.D. Detroit, Mich.
 Edward Joseph Tracy, M.D. Aurora, Ill.
 Charles C. Tuder, M.D. Fontana, Calif.
 Neil Kennedy Weaver, M.D. Baton Rouge, La.
 Robert Roderick Williams, M.D. Sparrows Point, Md.
 John Francis Wilson, M.D. Philadelphia, Pa.

Wednesday, April 27

8:00 p.m.—Fellowship Gathering. Manger Hotel—Ballroom Foyer
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 7:00 p.m.—Industrial Medical Association Annual Banquet
 Speaker: The Honorable Arthur A. Flemming, Secretary of
 Health, Education, and Welfare— Manger Hotel—Ballroom
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THURSDAY, APRIL 28

MEDICAL SECTION—War Memorial Auditorium—Room B
 9:00-10:45 a.m.—Men, Managers, Machines, and Mental Health
 Chairman: D. W. Caldwell, M.D., Chairman, IMA Mental
 Health Committee
 Executive/Supervisory Development (A skeletal outline of
 an executive development program)—Alan A. McLean, M.D.,
 Psychiatric Consultant, International Business Machines
 Corporation, New York, N. Y.
 The Executive and His On-The-Job Role as a Leader—John
 Melver, M.D., Psychiatrist in Employee Medical Department,
 America Fore Loyalty Group, New York, N. Y.
 The Executive and His Off-The-Job Problems—Ralph T.
 Collins, M.D., Consultant in Psychiatry and Neurology,
 Eastman Kodak Company
 The Executive and His Total Health—Clarence Rowe, M.D.,
 Consultant Psychiatrist, Minnesota Mining and Manufactur-
 ing Company, St. Paul, Minn.
 Hecker and Interrogator of the Panel—Graham C. Taylor,
 M.D., Psychiatrist, Day Hospital at Allan Memorial Insti-
 tute, Psychiatric Consultant, Northern Electric Company and
 Aluminum Company of Canada, Montreal, Quebec, Can.
 Hecker and Interrogator of the Panel—Leonard E. Rimler,
 M.D., Associate Professor of Mental Health, School of Pub-
 lic Health, University of Michigan, Chairman of Staff,
 Mercywood Sanatorium, Ann Arbor, Mich.

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10:45 a.m.—Intermission (Visit Exhibits)
 11:15 a.m.—12:15 p.m.—Medical Section—War Memorial Auditorium—Room B
 Chairman: Logan T. Robertson, M.D., Consultant in Occupational Health, Asheville, N. C.
 11:15 a.m.—Periodic Health Examinations and Long Term Follow-up, 1949-1959—S. Charles Franco, M.D., F.A.C.P., Executive Medical Director, Consolidated Edison Company of New York, Inc., New York, N. Y.
 11:45 a.m.—World Health and Industrial Medicine—Leslie W. Knott, M.D., Assistant Chief, Division of Special Health Services, U. S. Public Health Service, Washington, D. C.

INDUSTRIAL MEDICAL ASSOCIATION

Thursday, April 28

SURGICAL SECTION—War Memorial Auditorium—Stage

- 9:00-10:00 a.m.—Chairman: N. Gillmer Long, M.D., Medical Director, Lamberson Mutual Casualty Company, Chicago, Ill.
 9:00 a.m.—Back Pains among Railroad Employees—A Low-Down Problem—John G. Elipp, M.D., The Monongahela Connecting Railroad Company, Pittsburgh, Pa.
 9:20 a.m.—Newer Concepts of Low Back Pains—M. Laurens Rowe, M.D., Chief of Orthopedic Surgery, Rochester General Hospital, Consultant in Orthopedic Surgery, Eastman Kodak Company, Clinical Assistant Professor, Orthopedic Surgery, University of Rochester, School of Medicine and Dentistry
 10:00 a.m.—Intermission (Visit Exhibits)

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10:00 a.m.—12:00 noon—Surgical Section—War Memorial Auditorium—Stage

- Chairman: Donald C. Berra, M.D., Medical Director, The Bell Telephone Company of Canada, Montreal, Quebec, Can.
 10:20 a.m.—Cancer Detection in Industry—Marvin D. Saylor, M.D., Clinical Instructor in Surgery, University of Rochester, School of Medicine and Dentistry, Director of Tumor Clinic, Highland Hospital, Rochester, N.Y.
 11:00 a.m.—Natural History of Cancer of the Lung—Charles E. Sherwood, M.D., Clinical Assistant Professor of Radiology, George L. Bowers, M.D., Clinical Assistant Professor of Surgery and Radiology and Marlon S. Bowers, M.D., Clinical Senior Instructor in Medicine, University of Rochester, School of Medicine and Dentistry
 11:00 a.m.—The Cancer Patient in Industry—B. L. Vaneburgh, M.D. and H. M. Remondet, M.D., General Electric Company, Schenectady, N. Y.

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12:00 noon—IMA Past Presidents' Luncheon—Manger Hotel—Hunt Room

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MEDICAL SECTION—War Memorial Auditorium—Room B

- 1:15-2:30 p.m.—Chairman: John L. Norris, M.D., Associate Medical Director, Eastman Kodak Company, Rochester, N. Y.
 1:15 p.m.—An Industrial Oriented Approach to Alcoholism—Panel Discussion—Moderator: Edward F. Baynaki, M.D., Medical Director, General Electric Company, Flight Propulsion Division Cincinnati, Ohio
 John F. Jellicoe, M.D., Chairman, IMA Committee on Problem Drinking
 R. Gordon Bell, M.D., Medical Director, Bell Clinic, Toronto, Ontario, Can.
 Herman J. Bennett, M.D., Medical Director, International Business Machines Corporation, Poughkeepsie, N. Y.

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INDUSTRIAL MEDICAL ASSOCIATION

Thursday, April 28

B. Charles Franco, M.D., Executive Medical Director, Consolidated Edison Company of New York, Inc., New York, N. Y.

Raymond A. Mesera, M.D., Medical Director, Monsanto Chemical Company, St. Louis, Mo.

James I. Roberts, M.D., Medical Director, New England Power Service Company, Boston, Mass.

John F. Shveda, M.D., Medical Director, General Mills, Inc., Minneapolis, Minn.

2:00 p.m.—Psychological Aspects of Motor Vehicle Accidents—A Projected Study by the Committee on Standards for Motor Vehicle Driving—Gerald Goeden, M.D., Chief, Psychiatric Section, Medical Division, E. I. duPont de Nemours & Company, Wilmington, Del.

3:00 p.m.—Intermission (Visit Exhibits)

3:00-5:00 p.m.—Medical Section—War Memorial Auditorium Room B

Clinical Conference—

Chairman: Frank Price, M.D., Chairman, IMA Committee on Clinical Toxicology
 The Kettering Laboratory Staff, Cincinnati, Ohio

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SURGICAL SECTION—War Memorial Auditorium—Stage

1:30-2:00 p.m.—Chairman: Max N. Howard, M.D., Chairman, IMA Emergency and Disaster Planning Committee
 Management of a Mass Casualty Situation—Panel Discussion—Moderator: Max N. Howard, M.D.

Experiences During a Major Fire—T. J. Smith, M.D., Medical Director, Whiting Refinery, Standard Oil Company of Indiana, Whiting, Ind.

Radiation Problems—William N. Young, M.D., Sylvania Electric Company, Bayside, N. Y.

Psychological Problems and Hysteria—Herman J. Bennett, M.D., International Business Machines Corporation, Poughkeepsie, N. Y.

Evacuation and Liaison with Local Hospitals and Civil Defense Organizations—James Lade, M.D., Director, Office of Medical Defense, New York State Department of Health, Albany, N. Y.

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SCIENTIFIC EXHIBITS

SCIENTIFIC EXHIBITS

- S-103 "Air Hygiene in Tuberculosis"
Richard L. Riley, M.D., William F. Wells, R.S., Cetyl C. Nills, M.B., Walenty Nils, M.D., Louis U. Salten, M.D., Nathan Weinstein, M.B., Patricia R. Storey, M.D., Francis O'Grady, M.D.
The Johns Hopkins University, Veterans Administration Hospital, Baltimore, Md.
- S-105 "Traumatic Affections of the Shoulder"
Eugene G. Lippert, M.D. and Charles S. Wiles, M.D.
Washington, D.C.
- S-107 "Activities of the U. S. Air Force Epidemiological Laboratory"
Col. Theodorus J. Donsucht, USAF, MSC and Capt. David F. Hervey, USAF, MSC
U. S. Air Force Epidemiological Laboratory
- S-113 "Industrial Psychiatry in a Hosiery Mill"
Richard C. Preter, M.D. and Charles G. Ginn, Jr., M.D.
Bowman Gray School of Medicine, Winston-Salem, N.C.
- S-115 "The 'Teacher' in Industry"
William R. Beckley, M.D. and Charles E. Lewis, M.D.
Medical Department, Eastman Kodak Company, Rochester, N. Y.
- S-117 "Nutrition Newsweek"
Mary Jane Kibler and Sandra L. Brodie
Council on Foods and Nutrition, American Medical Association
- S-123 "Microbiological Safety"
U.S. Army Biological Warfare Laboratories, Frederick, Md.
- S-124 "Anthracoidosis"
Richard T. Calhoun, M.D., Peter A. Theoden, M.D. and William Friedman, M.D.
Jefferson Medical College Hospital, Philadelphia, Pa.
- S-126 "Radiation Protection in the Healing Arts"
R. E. Anton, D.D.S. and E. J. Baker
Division of Occupational Health, Pennsylvania Department of Health, Harrisburg, Pa.
- S-137 "Pneumoconiosis Prevention Program in Bituminous Coal Mines"
R. J. Baker, J. Lieben, M.D. and W. W. McBride, M.D.
Division of Occupational Health, Pennsylvania Department of Health, Harrisburg, Pa.
- S-139 "Bagassosis—A Medical Enigma"
Howard A. Beecher, M.D., Philip Firsztels, M.D. and Oscar Bitts, M.D.
Veterans Administration Hospital, New Orleans, La.
- S-131 "Air Sampling Station"
Air Pollution Control Board and Division of Industrial Hygiene, Department of Labor, State of New York

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- S-133 "Radiological Health Program of the U. S. Army"
Col. Adam J. Rapsalati, MC, Lt. Col. P. W. Lennard, MC, Robert H. Degrad, M.D., Lt. Col. Maxwell Dauer, MSC, 1st Lt. Ramon P. Mier, MSC
U. S. Army Environmental Health Laboratory
- S-134 "The Cytodiagnosis of Prostatic Carcinoma"
Irwin N. Frank, M.D. and Donald F. McDonald, M.D.
University of Rochester, School of Medicine and Dentistry, Rochester, N.Y.
- S-135 "Psychiatry at Work"
American Psychiatric Association, Committee on Occupational Psychiatry
- S-304 "Health Education in Industry"
Melvin M. Udel, M.D., Bernadine Striegel, R.N. and Elizabeth Kewy, M.P.H.
Safety and Occupational Health Bureau, Metropolitan Life Insurance Company, New York, N.Y.
- S-305 "Cancer Detection in Well Adults"
Beverly Day, M.D., Louis Venet, M.D. and Walter O'Donnell, M.D.
Strang Clinic, Department of Preventive Medicine, Memorial Center, N.Y.
- S-307 "A Medication for the Outpatient Treatment of the Alcoholics"
Jackson Smith, M.D., Cecil Willson, M.D., Keith Treplew, M.D. and Douglas McLenn, M.D.
Illinois State Psychiatric Institute, Chicago, Ill.
- S-323 "The Red Eye—Differential Diagnosis and Treatment"
Arnold S. Breaker, M.D. and Conrad Berzans, M.D.
Lenox Hill Hospital, New York, N. Y.
- S-324 "Crutches and Their Use"
Henry V. Meredewicz, M.D., Mercy Hospital, Buffalo, N.Y.
- S-325 "Warning Labels"
Manufacturing Chemists' Association, Inc., Washington, D.C.
- S-331 "Physician's Responsibility in Highway Accidents"
Seward Miller, M.D., Harold M. Brandaleone, M.D. and Howard N. Schuls
American Medical Association
- S-333 "Sunlight and the Skin"
Veronica L. Conley, Ph.D., Committee on Cosmetics, American Medical Association
- Special Exhibit "Civil Defense Improved Emergency Hospital"
Federal Office of Civil and Defense Mobilization in conjunction with the New York State Civil Defense Commission

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TECHNICAL EXHIBITS

AIR SHIELDS, INC.
Halters, Pa.

Booth No. 239

★ ANBU RESCUE BREATHING EQUIPMENT

A. S. ALOR COMPANY

1831 Olive St., St. Louis 3, Mo.

Booth Nos. 219-229

Visit booths 219-229 where the A. S. Alor Company will display a cross section of the many and varied items of particular interest to the Industrial Health field. Many new items will be on display and our representatives will welcome this opportunity to discuss them with you.

AMERICAN CANCER SOCIETY

531 West 57th St., New York 19, N. Y.

Booth No. 216

The American Cancer Society's exhibit "Help Us Save More of Your Employees' Lives" is aimed at enlightening the active cooperation of business and industry in the Society's life-saving educational program.

AMERICAN OPTICAL COMPANY

Southbridge, Mass.

Booth No. 222

Keystone of AO's 1960 exhibit is "New Products for Industrial Safety," with an impressive array of new safety goggles, face shields, respirators and accessories. The popular AO Night Screen— a precision instrument which quickly and accurately checks seven visual functions of workers at both distance and near—will be demonstrated.

AMERICAN STERILIZER COMPANY

P. O. Box 638, Erie, Pa.

Booth No. 129

The American Sterilizer Company will display several types of sterilizers, both pressure and non-pressure, as well as a new dry heat machine for the processing of items which are moisture sensitive. We shall also display a very fine examining light and inexpensive machine for cleaning hypodermic needles.

THE AMERICAN TOBACCO COMPANY

400 Jefferson Davis Hwy., Richmond 24, Va.

Booth Nos. 234-235

Featuring a newly developed full-color presentation of tobacco culture as well as some of the newer aspects of tobacco research, including the use of activated charcoal as a filter medium for cigarette smoke. The effectiveness of activated charcoal in significantly reducing the components of the vapor phase of the smoke is graphically presented.

ARMOUR PHARMACEUTICAL COMPANY

P. O. Box 511, Kankakee, Ill.

Booth No. 293

★ TECHNICAL EXHIBITS

ASSOCIATION OF AMERICAN SOAP AND GLYCERINE PRODUCERS, INC.

295 Madison Ave., New York 17, N. Y.

Booth No. 301

The Industrial Division maintains an active public relations and information program in the fields of industrial health, cleanliness and sanitation. The Association's exhibit comprises authoritative guidebooks, feature publicity articles placed in major industrial publications, and visual aids available to help industry educate employees in the importance of proper personal and plant cleanliness techniques.

ASTRA PHARMACEUTICAL PRODUCTS

7½ Nopesant St., Worcester, Mass.

Booth No. 265

Descriptive literature pertaining to preparations of XYLOCAINE HYDROCHLORIDE (ASTRA) for infiltration, regional block, peridural, spinal and topical anesthesia, XYLOCAINE OINTMENT, XYLOCAINE PELLETS, and XYLOCAINE VISCOSUS for topical application, as well as ASTRAFER I.V. for iron deficiency states will be available at the Astra booth presided over by Mr. Arnold G. Everson.

AYERST LABORATORIES

23 East 40th St., New York 18, N. Y.

Booth No. 217

Ayerst Laboratories welcomes the members to the 1960 Industrial Health Conference. Our exhibit will feature KERODEX, a highly effective protective cream against contact dermatitis, ENZACTIN, a potent, enzyme-controlled antifungal agent, and HIBITANE Lozenges for temporary relief of minor sore throat.

BAUSCH & LOMB, INCORPORATED

635 St. Paul St., Rochester 2, N. Y.

Booth Nos. 228-227

ORTHO-RATERS, vision screening instruments designed to rapidly and accurately check the visual efficiency of industrial employees will be demonstrated. Also a complete line of eye protection plus personal protection devices including safety glasses, noise protectors and safety hats.

BELTONE HEARING AID COMPANY

2900 West 34th St., Chicago 32, Ill.

Booth No. 215

Beltone will display its line of Audiometers and Hearing Aids. Pertinent literature will be available thoroughly describing the equipment. Featured will be clinical and portable audiometers. Also featured will be the most powerful hearing glasses now available, as well as binaural hearing glasses, behind the ear and conventional hearing aids.

BRISTOL-MYERS PRODUCTS DIVISION

730 Fifth Ave., New York 22, N. Y.

Booth No. 231

HUFFERIN, the better-tolerated analgesic for long-term, high dosage salicylate therapy will be featured by Bristol-Myers.

TECHNICAL EXHIBITS

BUFFINGTON'S, INC.

9 Sudbury St., Worcester, Mass.

Booth No. 204
Please stop at Booth 204—our representatives will be pleased to discuss Buffington's latest specialties having industrial application. NEW—NEW—A non-narcotic cough syrup—NONARCOL; Menstrual cramps—DOLOPAR; Advanced colds—DOLOPAR FORTE; Irritated throats—SYNTHAIDS.

★

CAMBRIDGE FILTER CORPORATION

P. O. Box 1554, Syracuse 1, N. Y.

Booth No. 156
The variety of forms in which high efficiency air filters are available will be demonstrated, including the ABSOLUTE® Filter, the original A.E.C. type filter and the AEROSOLVED® Filter, noted for its remarkable efficiency in the removal of air-borne pathogens. Combination filter frames with activated carbon cells will also be shown.

★

CARRISULPHOIL COMPANY

2917 Swiss Ave., Dallas 4, Texas

Booth No. 229
Displaying the famed burn medication—FOHLE—of interest to all who are concerned with the care and management of burns and wounds. See both convenient sizes of the FOHLE Aerosol Spray Containers for ease and speed of application to provide gentle, fast relief from surface pain of burns and lacerations.

★

CHATTANOOGA PHARMACAL COMPANY, INC.

Chattanooga, Tenn.

Booth No. 11
THE HYDROCOLLATOR—moist heat easily applied. This efficient device completely simplifies the problem of applying local moist heat. A standard in industrial medical departments and clinics across the country, it is a tremendous aid in stubborn back, neck, and shoulder cases, in sprains and contusions—wherever effective, sustained moist heat is indicated.

★

CHRYSLER CORPORATION

P. O. Box 1019, Detroit, Mich.

Booths Nos. 226-227-228-229-230
Chrysler Corporation invites you to view its newest entries in the expanding Automobile Market. The Dodge Dart, for those who want big-car luxury and comfort in its purest, most economical form, and the Valiant, the car you'd want at any price—Valiant is the only totally new car in America today. Dart and Valiant, part of the team of "The Quick, the Strong, and the Quiet."

★

CIBA PHARMACEUTICAL PRODUCTS

556 Morris Ave., Summit, N. J.

Booth No. 210
ESIDRIX is hydrochlorothiazide, an improved analog of chlorothiazide. Therapeutically, ESIDRIX is 10 to 15 times more potent

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TECHNICAL EXHIBITS

than chlorothiazide. Weight losses up to 56 pounds have been reported. In many cases ESIDRIX caused copious diuresis in patients unresponsive to other oral and/or parenteral diuretics. Side effects are usually mild, infrequent and readily controlled.

★

COCA COLA COMPANY

P. O. Drawer 1734, Atlanta 1, Ga.

Booth Nos. 319-320
Ice-cold Coca-Cola served through the courtesy and cooperation of the Rochester Coca-Cola Bottling Corporation, Rochester, New York and The Coca-Cola Company.

★

DAMERON ENTERPRISES, INC.

427 S. 2nd St., Louisville, Ky.

Booth No. 310
VI-LAN Antiseptic Paste Cleanser. Designed for use "with or without" water on hands, face, and other parts of body. Allows for complete standardization on skin cleansers. Safely removes 90% of all heavy soils. Excellent bacteriostatic and bactericidal properties. Has safely passed clinical patch testing and is used extensively in Hospitals, Clinics, and Laboratories.

★

DAVIS EMERGENCY EQUIPMENT CO.

45 Halleck St., Newark 4, N. J.

Booth No. 222
Manufacturers of Unit First Aid and Gas Analyzers of all types. Respiratory equipment and Toxic Gas Analyzers, including the Vaporizer for Toxic and Combustible Gases and the Halide Meter for the Chlorinated Solvents, in their toxic range.

★

JOSEPH K. DENNIS COMPANY, INC.

175 W. Jackson Blvd., Chicago 4, Ill.

Booth No. 315
IMA-AIHA GROUP INSURANCE ADMINISTRATOR BOOTH #215. Plan to stop by and visit Booth #315 and discuss your Group Insurance Programs with Mr. W. C. Johnstone, Counselor, Joseph K. Dennis Company, Inc., Administrators of your Group Insurance Programs.

★

DOME CHEMICALS, INC.

125 West End Ave., New York 25, N. Y.

Booth No. 110
DISTINCTIVE DERMATOLOGICALS. The most common industrial health problem is occupational dermatitis. The most complete line of dermatologicals for the treatment and prevention of dermatoses will be demonstrated. You are cordially invited to discuss your industrial skin problems and to examine the therapeutic modalities most suited to your needs.

★

DUKE LABORATORIES, INC.

P. O. Box 522, South Norwalk, Conn.

Booth No. 303
Duke Laboratories, Inc., South Norwalk, Conn., are displaying ELASTOPLAST, stretchable, adhesive-surfaced, bandages and unit

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TECHNICAL EXHIBITS

dressings; GELDCAST, a prepared Unna-paste bandage; Tecto, a protective emollient cream; Aquaphor, an ointment base; and Nivea Creme, Nivea Skin Oil and Baby Soap for patients with dry, sensitive skin.

★

EASTMAN KODAK COMPANY
243 State St., Rochester 4, N. Y.

Eastman Kodak Company will display their medical x-ray products, which include films and chemicals. There will be a display of equipment and materials for medical photography, which will emphasize the use of the new, simple, inexpensive Startech outfit.

Booth No. 323

★

GEIGY PHARMACEUTICALS
P. O. Box 489, Yonkers, N. Y.

GEIGY PHARMACEUTICALS cordially invites you to visit its technical display. Tofranil®, a new agent, specifically for depression, will be featured. Information on other products valuable in the therapy of rheumatic, metabolic, dermatologic and cardiovascular diseases will be presented by personnel in attendance.

Booth No. 119

★

GELMAN INSTRUMENT COMPANY
P. O. Box 66, Chelsea, Mich.

Air sampling and nuclear radiation safety devices will be displayed. New instruments will include: Sparrow—a pocket radiation alarm; Bantam Sampler—compact light air sampling kit with 2 CFM capacity; Hurricane Sampler—125 CFM air sampler; New dust filter with high efficiency and little pressure drop; Thermal Anemometer; Sequential Sampler; Tape Sampler.

Booth No. 2

★

THE GIDEONS INTERNATIONAL
219 E. Superior St., Chicago 11, Ill.

The Nurses Testament is a beautiful white Testament which includes Psalms and Proverbs and the Florence Nightingale Pledge. Members of the Auxiliary of the Gideons will be happy to present one of these Testaments, as a gift, to any nurse attending who has not had an opportunity to receive one.

Booth No. 324

★

GLOBE INDUSTRIES, INC.
Medical and Hospital Division
125 Sumner Pl., Dayton 7, Ohio

Lightweight portable apparatus featuring long resuscitation time with the self-contained oxygen cylinder. The Globe-Seeler M/M Mouth-to-Mask Resuscitator is also featured. The Globe SAMARITAN, new low-cost oxygen resuscitator, shown for the first time. Rescue breathing apparatus which protects the rescuer and provides resuscitation of an accident victim in toxic atmospheres is also displayed.

Booth No. 6

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TECHNICAL EXHIBITS

GREAT BOOKS OF THE WESTERN WORLD
392 Benjamin Ave., S.E., Grand Rapids, Mich.

The Great Ideas Program, a new advancement in liberal education, is built around the revolutionary SYNTOPICON. This master-key "Ideas-Indexer" all the Great Books, making it possible to find what the great writers and thinkers said about any ideas in minutes. The Program will help anyone interested in exploring the fascinating world of great ideas.

Booth No. 111

★

A. E. HALPERIN COMPANY, INC.
75 Northampton St., Boston 15, Mass.

Manufacturers of First Aid Supplies and Safety Equipment since 1922, this exhibit will feature the latest products and developments in Safety as well as Industrial First Aid. The Halco line is also available in specialized Medical Supplies, Surgical Dressings and Pharmaceuticals. This exhibit will also feature the revolutionary Aerosol Burn Spray, Burn-Quel.

Booth No. 302

★

HILLMAN PHARMACEUTICAL CO.
185 N. Wabash Ave., Chicago 1, Ill.

Medical surveys show dysmenorrhea to be a major cause of absenteeism among female employees. There is a constant need for a medication which affords prompt relief of menstrual tension with no accompanying side-effects. For twenty-five years Hillman's D Compound has been used to relieve dysmenorrhea in industrial dispensaries, reducing time-loss to an absolute minimum. Stop at our booth for descriptive literature and samples of D Compound for your clinical trial.

Booth No. 216

★

INDUSTRIAL ACOUSTICS COMPANY, INC.
341 Jackson Ave., New York 54, N. Y.

We will be pleased to discuss the medical, engineering and environmental aspects of your Hearing Conservation Program. On exhibit will be an IAC Model 400 Audiometric Examination Room—the Standard for Industrial Testing, the Rudmose Automatic Model ARJ-4 Audiometer, the new Rudmose Sound Level Meter—Octave Band Analyzer and our new "NOISHIELD" Walk-in Telephone Booth.

Booth No. 308

★

IHA History Committee

28 E. Jackson Blvd., Chicago 4, Ill.

Announcing the publication of the Official History of the Industrial Medical Association—"Occupational Health in America—The Evolution of the Industrial Medical Association." Scheduled for publication soon by Wayne State University Press. Special pre-publication subscription prices are now in effect. Stop at Booth 313 and enter your subscription.

Booth No. 313

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TECHNICAL EXHIBITS

THE ISO-SOL COMPANY, INC.

120 E. Hoffman Ave., Lindenburt, N. Y. Booth No. 235
Featuring ophthalmic pharmaceuticals having particular application in industrial medicine. Your attention is invited to: IAC-RIORE, Iso-Sol's sterile ophthalmic irrigating solution with plastic irrigator; DROPPERETTES, sterile 1 cc units of all medications normally used in industrial clinics. The Dropperette is ideal for clinical use and for short term out-patient use.

JOHNSON & JOHNSON New Brunswick, N. J.

Booth No. 12
The latest improvements in surgical dressings, as developed by the Johnson & Johnson Research Laboratories. Particular emphasis will be placed upon products developed for the industrial physician. You will find well-informed representatives pleased to discuss these products or any other items made available by the world's largest manufacturer of surgical dressings and baby products.

KARL FIRST AID SUPPLY CO.

4243 W. Ogden Ave., Chicago 23, Ill. Booth No. 202
A Thirty-year old organization providing an invaluable service to industrial medical departments. Specializing in industry, we are familiar with industrial medical problems and needs. Here is a centrally located source for all supplies and equipment which are unique to the industrial field. Our planning service is available to you with no obligation.

KEYSTONE VIEW COMPANY

Market St., Maderilla, Pa. Booth No. 204
The Keystone Occupational Visual tests will be demonstrated. This equipment (now used by nearly 5,000 industrial plants) has been made even more valuable by the addition of supplementary tests. Also, a Near Point depth perception test is now available, as well as highly critical Far Point depth perception tests.

LICENSED BEVERAGE INDUSTRIES, INC.

155 East 46th St., New York 17, N. Y. Booth No. 312
Original pamphlets, and revists, dealing with points of view with respect to materials and teaching methods in alcohol education will be available to teachers and administrators interested in this area of instruction on the public school and community level. Members of IBI's Education Division will be glad to discuss recent developments in this field.

LILLY & COMPANY

P. O. Box 618, Indianapolis 6, Ind. Booth No. 228
You are cordially invited to visit the Lilly exhibit located in space number 228. The Lilly sales people in attendance welcome your questions about Lilly products and recent therapeutic developments.

TECHNICAL EXHIBITS

LIXOIL LABORATORIES

P. O. Box 35, Rosendale Sta., Boston 21, Mass. Booth No. 10
LIXOIL prevents oil dermatitis. It removes paint, asphalt, pitch, tar, white lead, caulking compound, putty, epoxy resins, Portland cement, printers ink, gasoline, kerosene, etc. Compared with 78 other cleaners, LIXOIL has been proven best of all. Come to our booth and try it on your clean or dirty hands.

MAICO ELECTRONICS, INC.

31 N. Third St., Minneapolis 1, Minn. Booth No. 225
Representatives of the pioneer Minneapolis hearing research firm will be pleased to discuss hearing conservation and hearing test programs with industry representatives. The latest in the Malco line of hearing test enclosures, hearing test instruments and hearing protection devices will also be shown and demonstrated.

MEDCO PRODUCTS COMPANY

3601 E. Admiral Pl., Tulsa 12, Okla. Booth No. 137
Presenting the MEDCO-SONICATOR. Providing a new concept in therapy by combining muscle stimulation and ultra sound simultaneously through a SINGLE Three-Way Sound Applicator. The MEDCO-SONICATOR is a distinct advance in the effectiveness of physical therapy. A few minutes spent in our booth should prove of value to your practice.

MERCK SHARP & DORME

610 N. Broad St., Philadelphia 1, Pa. Booth No. 201
New DECADRON dexamethasone possesses all the basic actions and effects of other glucocorticoids but in different degree. Its anti-inflammatory activity is more potent than any other known glucocorticoid. HYDROHUIL, a new, orally effective, non-mercurial diuretic-anthypertensive agent, the most potent diuretic agent presently available, equaling or exceeding even the most potent parental organomercurials.

MILBURN COMPANY

3246 E. Woodbridge, Detroit 7, Mich. Booth No. 221
An exhibit of Pip Protective Hand Creams and Hand Cleaners for industrial dermatitis—Industrial Safety and Protective Work Clothing including synthetic fiber materials in dynes, orlons and dycrons—and plastic-coated Work Gloves.

MINE SAFETY APPLIANCES COMPANY

201 N. Bredeck Ave., Pittsburgh 8, Pa. Booth Nos. 120, 121, 122
The newest and most compact noise detection instruments and ear protection devices will be featured. Other items of safety equipment will include Oxygen Breathing Apparatus, Dust and Gas Sampling Instruments, Skulgard Protective Hats, Ultra-Aire Space Filters, Artificial Respiration Equipment and Dust Respirators. Representatives will be glad to discuss your safety problems.

TECHNICAL EXHIBITS

NATIONAL HEALTH COUNCIL
New York City

★

OXY SWIG, INC.
144 Tully Ave., Pasadena, Calif.
Exhibit displays a constant regulated flow of the portable, 50 liter Oxy Swig unit and the 305 liter Metrox unit. A supply of both will be available for use by physicians.

★

G. E. PACKWOOD MANUFACTURING CO.
1545 Tower Grove Ave., St. Louis 10, Mo.
Our illuminated and animated display is comprised of five illustrative sections featuring a model of the PAX facilities in St. Louis. Newest PAX developments include PAX Crema Soap, PAX Pharmaceutical Grade Waterless, PAX All Purpose Hand Cleansing Cream, Pax-Lene-Sav Granulated Skin Cleanser and a complete line of degreasers and metal cleaners.

★

THE PAINE DRUG COMPANY
P. O. Box 672, Rochester 2, N. Y.
Paine stocks a complete line of first aid dressings, surgical instruments and syringes, examination room furniture, physiotherapy equipment plus every pharmaceutical required by an industrial clinic. Please register at Booth No. 4 for conference souvenir and meet our sales force: Fred Springer, Joe Candilli, George Pignato, Ronald Jones, Fred Dean.

★

PEPSI-COLA COMPANY
3 West 57th St., New York 19, N. Y.
The Pepsi-Cola Company cordially invites all convention delegates to enjoy a refreshing, complimentary Pepsi at Booths 213 and 214.

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PFTZER LABORATORIES
650 Fushing Ave., Brooklyn 4, N. Y.
The Pfizer Laboratories' display has been specifically arranged for your convenience and to give you the maximum in quick service and product information. To make your visit worthwhile, technically trained Medical Services Representatives will be on hand to inform you of the latest developments in Pfizer research.

★

PHYSICIANS SUPPLY CORPORATION
1967 Mt. Hope, Rochester, N. Y.
We of Physicians Supply Corporation are quite proud of our reputation, backed by over 60 years in the Medical supply field. A technically trained Sales Force and complete line of equipment and supplies assure you of excellent service. See us and register for our Door Prize at Booth 214.

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TECHNICAL EXHIBITS

PURDUE FREDERICK COMPANY
135 Christopher St., New York 14, N. Y.

SENOKOT—constipation corrective containing the concentrated total senna glycosides. **PRE-MENS**—for relief of premenstrual tension and/or menstrual pain. Also for the treatment of premenstrual acne. **ARTHRORIPAN**—new rapidly absorbed choline salicylate, producing anti-inflammatory, analgesic, antipyretic effects in a short time without gastric irritation. **CERUMENEX**—cerumenolytic for the quick removal of excessive cerumen. **PHARYCIDIN**—the first triple-action throat medication.

★

R. J. REYNOLDS TOBACCO COMPANY
Winston-Salem, N. C.

Welcome to the R. J. Reynolds Tobacco Company Exhibit! You are cordially invited to receive a cigarette case (monogrammed with your initials) containing your choice of CAMEL, WINSTON Filler, Menthol Fresh Salem, or CAVALIER King Size Cigarettes.

★

RITTER COMPANY, INC.
Medical Hospital Division
400 West Ave., Rochester 2, N. Y.

Be sure to see this modern line of Ritter equipment that enables you to treat more patients more thoroughly with less effort in less time: such as the motor hydraulically operated Ritter Universal Examination and Treatment Table; the L-F Diathermy; Castle examining lights, Autoclaves and dry heat sterilizers.

★

SANBORN COMPANY
175 Wyman St., Waltham 54, Mass.

New **ELECTROCARDIOGRAPHS** of advanced design and function as well as latest models of other instruments for diagnostic use. Demonstrations and/or data will also be available on Sanborn instruments for biophysical research—single and multi-channel recording systems, monitoring oscilloscopes and physiological transducers. Qualified Sanborn representatives will assist you with technical problems.

★

SCHERING CORPORATION
60 Orange St., Bloomfield, N. J.

Schering representatives will discuss recent advances in Schering research. The products featured will include **CORNICIDIN**, Schering's well-known cold preparation in the convenient industrial package; **FULVICIN**, first oral antifungal antibiotic for ringworm; **POLARIMINE**, a highly effective antihistamine; and **TRILAFON**, an unexcelled tranquilizer and anesthetic available in a wide range of dosage forms for patient and physician convenience.

★

SCHIEFFELIN & COMPANY

30 Cooper Square, New York 3, N. Y.
Exhibiting: **C.E.P.A. (C-reactive Protein Antiserum-Schiffelin)**, unique diagnostic aid for detection of inflammatory and necrotic

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TECHNICAL EXHIBITS

diseases; DANILONE, safe oral anti-coagulant; NEO-RESULIN-F and RESULIN-F, new therapeutic agents for severe acne; HYDROTAR, for a wide variety of dermatoses; CYCLOGYL and CYCLOMYDRIL for fast acting cycloplegia and mydriatic results; and ESTIVIN for Eby Fever and other minor ocular irritations.

★

SMITH, KLINE & FRENCH LABS.
1540 Spring Garden St., Philadelphia 1, Pa. Booth No. 14
Featuring "Heparin" Tablets and Spanulac capsules (NEW), potent, low-dose antithrombins with a remarkably low incidence of drowsiness—approximately 4%; Temaril® Tablets, syrup and Spanulac capsules, for relief of itching, both mild and severe; Edrimal®, the analgesic that is virtually specific in dysmenorrhea; and Depriam®, mood-lifting analgesic for ambulatory patients.

★

E. R. SQUIBBS & SONS
745 Fifth Ave., New York 22, N. Y. Booth No. 317
E. R. Squibb & Sons has long been a leader in development of new therapeutic agents for prevention and treatment of disease. The results of our diligent research are available to the Medical Profession in new products or improvements in products already marketed. We present up-to-date information for your consideration.

★

STEPHENSON CORPORATION
P. O. Box 292, Red Bank, N. J. Booth No. 321
See the latest models of the Stephenson Industrial Mixtensan Resuscitators. Ideal because of their compactness, portability, and versatility in all industrial breathing emergencies. We also feature the new Breathalyzer and the Drunkometer, chemical tests for intoxication which will help solve an old problem in a manner popular with both management and labor.

★

STIERFEL LABORATORIES, INC.
Oak Hill, N. Y. Booth No. 13
Logical Dermatologicals—since 1847, by Stiefel Laboratories. Featured will be: Brilvel—abrasive cleanser for acne; Olatum Soap—hypoallergenic supermilled soap for cleansing sensitive or irritated skin; Olatum Cream—moisturizing pH 5 cream, rich in unsaturated fatty acids; Tar Shampoo Soap—concurrent adjunct in the control of dandruff;—and many others!

★

SUGAR BEET PRODUCTS COMPANY
202 Walker St., Saginaw, Mich. Booth Nos. 289-299
You are cordially invited to bring the skin cleansing problem in your plant to our booth during this Industrial Health Conference. Our personnel are anxious to offer suggestions on how the line of SBS Skin Cleanser products can help develop a more efficient program with complete safety.

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TECHNICAL EXHIBITS

SYNTEX CHEMICAL COMPANY, INC.
10 East 40th St., New York 18, N. Y. Booth No. 224
AQUA IVY, AP® TABLETS for immunization against poison ivy and poison oak. A stubborn problem in industrial medicine appears to be a thing of the past, as evidenced by Aqua Ivy Tablets. Immunity is reported in 95% of cases with this oral prophylaxis taken in advance of the season.

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TARLEY-NASON COMPANY, INC.
280 Fifth Ave., New York 1, N. Y. Booth No. 113
RETARDING ANTISEPTIC—A new pathogenicide for topical use, containing Povidone-Iodine N.D.—it retains all of the non-selective microbicidal action of Iodine without any of the undesirable side reactions heretofore associated with Iodine. SUPERATH OINTMENTS—The original white coal tar available in three forms: plain... with Salicylic Acid... with Hydrocortisone.

★

TITMUS OPTICAL COMPANY, INC.
1015 Commerce St., Petersburg, Va. Booth No. 109
Demonstrating the T/O Vision Tester including the new book of Vision Standards for Job, the new Perimeter and other tests. Visual performance tests will be given to those desiring them. Ophthalmic instruments for use in the First Aid room and Industrial Physicians' offices and T/O-7 Protective Eyewear Products will be shown.

★

UNION INDUSTRIAL EQUIPMENT CORP.
20 Davis Ave., White Plains, N. Y. Booth No. 1
New portable Industrial Hygiene Instruments. Our research and development department has perfected a constant rate Uni-Jet Air Sampler, a high volume light (3 lbs.) weight portable air sampler, and a 10 lb. mercury vapor detector. The Kitagawa Unico 400 pump has been improved and new tubes have been added to the list.

★

UNITED STATES SAFETY SERVICE COMPANY
1535 Walnut St., Kansas City, Mo. Booth No. 311
SAFETY SPECTACLES—Featuring modern Stylize S-7 Shape with either Optilite or Hardened Glass Lens in Plano or Rx. A Complete Head and Eye Protection Program. "PEP-UP" IMPREGNATED SALT TABLETS—A special impregnation process controls dissolving, assures slow absorption into bloodstream eliminating nausea. SAF-CO-METER—A small, accurate, portable Carbon Monoxide Indicator.

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UNITED STATES TOBACCO COMPANY
320 Fifth Ave., New York 20, N. Y. Booth No. 223
Representatives of the UNITED STATES TOBACCO COMPANY in attendance at Booth 223 will welcome the opportunity

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TECHNICAL EXHIBITS

To further acquaint the medical profession with the advantages of our denicotinized tobacco products. The study of nicotine and tar content in the smoke of filter cigarettes will be available in booklet form.

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THE UPJOHN COMPANY

301 Hearstle 84, Kalamazoo 99, Mich.

Booth No. 297

Professional representatives of The Upjohn Company are eager to contribute to the success of your meeting. We are here to discuss with you products of Upjohn research that are designed to assist you in the practice of your profession. We solicit your inquiries and comments.

★

VITAMINS FOR INDUSTRY, INC.

2456 W. Olympic Blvd., Los Angeles 19, Calif.

Booth No. 8

Since 1942, a supplier of vitamins and vitamin-related products to industrial firms for dispensing and for voluntary employee programs. Providing fine products from leading manufacturers, and experienced consultation to assist the medical administration of the vitamin program. Publisher of *Industrial Nutrition Notes* for doctors and nurses in industry.

★

WALLACE LABORATORIES

Boots 1 & Georges Rd., New Brunswick, N. J.

Booth No. 128

Wallace Laboratories presents a new non-hormonal agent, SOMA, to relieve pain, stiffness and spasms in muscle and joint complaints. SOMA has been highly effective in many musculoskeletal disorders, including arthritis, fibrositis, myositis, sprains, lumbago, backache, sprains, contusions, and whiplash injuries. SOMA relieves pain and stiffness promptly. No side effects other than sleepiness have been observed.

★

WARNER-CHILCOTT LABORATORIES

291 Taber Rd., Morris Plains, N. J.

Booth No. 226

GELUSIL—the physician's antacid—for the relief of gastric hyperacidity and management of peptic ulcer. Clinically superior because it is nonconstipating. Ideally suited for the peptic ulcer patient because it contains no laxative which might cause irritation and hypermotility. BIOMYDRIN NASAL SPRAY for effective mucolytic-penetrating anti-bacterial activity, prolonged nasal decongestion and antiallergic effect.

★

WHITEHALL LABORATORIES

Division of American Home Products Corp.

23 East 46th St., New York 16, N. Y.

Booth No. 192

Kolynos Toothpaste, BiSoDol Mints, and Anacin tablets.

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TECHNICAL EXHIBITS

WILLSON PRODUCTS DIVISION OF RAY-O-VAC
Reading, Pa.

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WINTHROP LABORATORIES

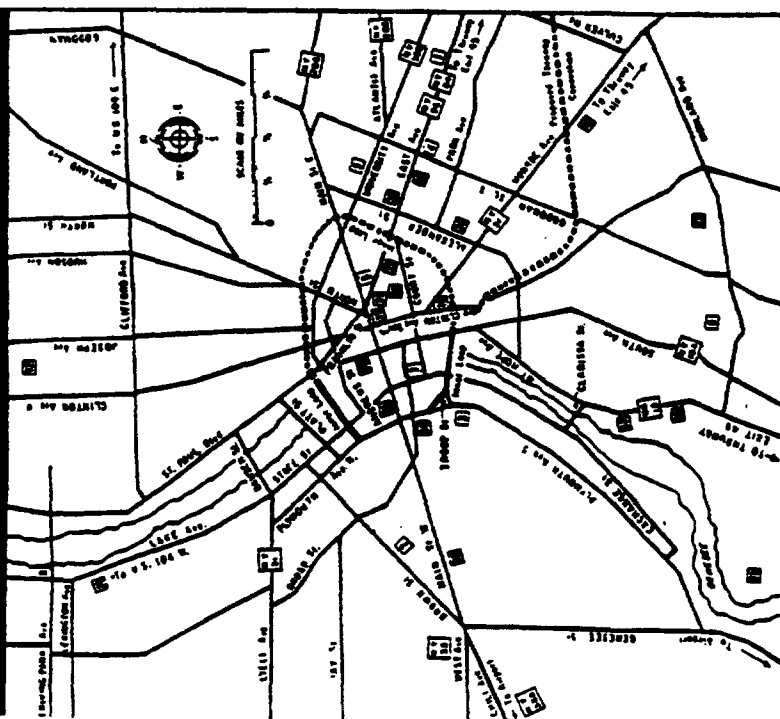
1456 Broadway, New York 18, N. Y.

Booth No. 318

PHISOHEX: Hypoallergenic, soap-free modeling detergent with anti-bacterial properties on routine use. NEO-SYNOPHRINE COMPOUND COLD TABLETS: Synergistic agent containing the orally effective respiratory decongestant Neo-Synephrine HCl in combination with an analgesic, antipyretic and antihistaminic.

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GUIDE MAP OF ROCHESTER, N.Y.



Points of Interest

1. Eastman House of Photography
2. Susan B. Anthony's Home
3. Campbell-Walton House
4. Museum of Art and Sciences
5. Memorial Art Gallery
6. Eastman School of Music
7. Highland Park - Scenes of Mac Ibsen
8. Festival, Harborland and Summer Opera
9. Under the Stars
10. Magnificent Park Base Garden
11. University of Rochester
12. Red Wing Stadium
13. College of Business Administration
14. To Lullaby East of Rochester
15. Little White House - Conventions and Publicity Bureau
16. To Lullaby East of Rochester
17. To Lullaby East of Rochester

To Newark Bass Garden - Route 33

18. To Newark Bass Garden - Route 33
19. To Newark Bass Garden - Route 33 or 34
20. To Niagara Falls - Route 104
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