

EXHIBIT



McIntyre-Saranac Conference
on
Occupational Chest Disease

TOWN HALL
SARANAC LAKE, NEW YORK
FEBRUARY 7, 8, and 9, 1955



REGISTRATION

SUNDAY: February 6

10:00 a.m. — 8:00 p.m. Registration at the Hotel
Saranac

MONDAY: February 7

8:30 a.m. — 10:30 a.m. Registration at the Town
Hall

McINTYRE-SARANAC CONFERENCE PROGRAM COMMITTEE

A. J. LANZA, M.D., Chairman
Emeritus Professor of Industrial Medicine
Institute of Industrial Medicine
New York University-Bellevue Medical Center
New York City

D. A. IRWIN, M.D.
Medical Director
Aluminum Company of America
Pittsburgh, Pennsylvania

J. W. G. HANNON, M.D.
Medical Director
McIntyre Research Foundation
Washington, Pennsylvania

G. M. MEADE, M.D.
Executive Director
Trudeau-Saranac Institute
Trudeau, New York

G. W. H. SCHEPERS, M.D., D.Sc.
Director
The Saranac Laboratory
Saranac Lake, New York

Notes

MORNING SESSION

February 7, MONDAY

Conference Chairman

ANTHONY J. LANZA, M.D.

*Emeritus Professor of Industrial Medicine
New York University-Bellevue Medical Center
New York City*

8:30 a.m. Final Registration at the Town Hall

10:30 a.m. Prologue

*CAREY P. MCCORD, M.D.
Acting Conference Chairman
Consultant in Industrial Medicine
Institute of Industrial Health
University of Michigan
Ann Arbor, Mich.*

10:45 a.m. The Objectives and Achievements of the McIntyre Research Foundation

*FRANCIS B. TRUDEAU, M.D.
Saranac Lake, N.Y.*

11:00 a.m. The Contribution of The Saranac Laboratory to Research On Chest Diseases

*E. D. FOX, President
McIntyre Research Foundation
Toronto, Ontario*

11:15 a.m. Annual Report of the McIntyre Research Foundation

*ANGUS D. CAMPBELL, Manager
McIntyre Research Foundation
Schumacher, Ontario*

11:30 a.m. Observations on the Comparative Vascular Pathology of the Occupational Chest Diseases

*G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory
Saranac Lake, N.Y.*

12:10 p.m. The Value of Lung Biopsy in the Diagnosis of Occupational Pulmonary Diseases

*H. S. VAN ORDSTRAND, M.D.
Department of Pulmonary Diseases
Cleveland Clinic
Cleveland, Ohio*

Discussion

**Epidemiology of Silicosis and
Occupational Chest Disease**

Moderator

THOMAS L. SHIPMAN, M.D.

*Health Division Leader
Los Alamos Scientific Laboratory
Los Alamos, New Mexico*

**9:30 a.m. A Review of Progress in the Conquest
of Occupational Chest Disease in
South Africa**

G. W. H. SCHEPERS, M.D., D.Sc.
*Director, The Saranac Laboratory
Saranac Lake, N.Y.*

**10:00 a.m. Accomplishments in the Epidemiologic
Study of Silicosis in the United States**

H. N. DOYLE
VICTORIA M. TRASKO
WM. GAFAFER, D.Sc.
S. E. MILLER, M.D.
*Division of Special Health Services
U.S. Public Health Service
Washington, D.C.*

10:30 a.m. Silicosis in Canada

N. F. PARKINSON, Executive Director
Ontario Mining Association
A. R. RIDDELL, M.B., D.P.H.
Silicosis Referee Board
Division of Industrial Hygiene
Ontario Department of Health
Toronto, Ontario

11:00 a.m. — CONFERENCE PHOTOGRAPH —

11:15 a.m. Talc Pneumoconiosis

M. KLEINFELD, M.D.
J. MESSITE, M.D.
I. R. TABERSHAW, M.D.
*Division of Industrial Hygiene
State of New York, Department of Labor
New York City*

**11:40 a.m. Pneumoconiosis on the Kolar Gold
Field, South India**

GEOFFREY E. FFRENCH, M.D.
*Formerly Senior Assistant Medical Officer
Kolar Gold Field, South India*

12:10 p.m. The Dust Diseases in Great Britain

A. I. G. McLAUGHLIN, M.D.
H. M. Medical Inspector of Factories
London, England

12:30 p.m. Discussion, initiated by

PHILIP DRINKER, Sc.D.
*Professor of Industrial Hygiene
Harvard University School of Public
Health
Boston, Mass.*

4:30 p.m. The Question of Differential Experimental
Susceptibility of Animals to Dust

W. R. FRANKS, M.D.
Professor of Medical Research
The Banting and Best Department of
Medical Research
Toronto University
Toronto, Ontario

5:00 p.m. Biochemical and Biological Aspects of the
Surface Properties of Particulate Quartz

LESTER D. SCHEEL, Ph.D.
Head, Biochemistry Laboratory
Trudeau, N.Y.
G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory
Saranac Lake, N.Y.

5:30 p.m. Discussion, initiated by

NORTON NELSON, Ph.D.,
Chairman, Institute of Industrial Medicine
N.Y. University-Bellevue Medical Center
New York City

EVENING SESSION

8:00 p.m. Conference Banquet — Hotel Saranac

Master of Ceremonies
MANFRED BOWDITCH
Director of Health & Safety
Lead Industries Association
New York City

9:00 p.m. Leroy U. Gardner Memorial Address

PAUL S. RICHARDS, M.D.
Senior Consultant
Memorial Medical Center
Salt Lake City, Utah

9:30 p.m. Historical Sketches on Dr. Edward
L. Trudeau and Dr. E. R. Baldwin

HUGH M. KINGHORN, M.D.
Saranac Lake, N.Y.

**Medico-Legal and Clinical Aspects of
Pulmonary Disability**

Moderator

IVAN SABOURIN, Q.C.

Counsel to Quebec Asbestos Producers Association
Montreal, Quebec

- 9:30 a.m. **Legal Aspects of the Evaluation of
Disability in Compensation for
Pneumoconiosis**
THEODORE C. WATERS
Industrial Counsel
Baltimore, Md.
- 10:00 a.m. **The Pulmonary Disability Legislation
of South Africa**
G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory
Saranac Lake, N.Y.
- 10:20 a.m. **Criteria for the Assessment of Disability in
Occupational Chest Disease**
GILES F. FILLEY, M.D.
Head, Physiology Laboratory
Trudeau, N.Y.
- 10:50 a.m. — 10 MINUTE RECESS —
- 11:00 a.m. **A Clinical Study of the Effects of Inhaled
Calcined Gypsum and of Talc Mining
Dusts on Human Lungs**
G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory
Saranac Lake, N.Y.
THOMAS M. DURKAN, M.E.
Assistant Director, Engineering Division
The Saranac Laboratory
Saranac Lake, N.Y.
- 11:25 a.m. **The Pulmonary Disability Associated with
Coal Mining**
J. W. G. HANNON, M.D.
Medical Director
McIntyre Research Foundation
Washington, Pa.
- 11:45 a.m. **The Disability Found in Persons Exposed
to Certain Beryllium Compounds**
HARRIET L. HARDY, M.D.
Associate Physician
Occupational Medical Clinic
Massachusetts General Hospital
Boston, Mass.
- 12:10 p.m. **The Pulmonary Disability Attendant
on Asbestosis**
KENNETH W. SMITH, M.D.
Medical Director, Johns-Manville Corp.
New York City
- 12:30 p.m. **Discussion, initiated by**
WARREN A. COOK, B.A.
Associate Professor
Industrial Health and Hygiene
Univ. of Michigan School of Public Health
Ann Arbor, Mich.

**Experimental and Engineering Aspects of
Occupational Chest Diseases**

Moderator

ANGUS D. CAMPBELL

Manager, McIntyre Research Foundation
Schumacher, Ontario

**2:30 p.m. The Experimental Study of the Effects of
Inhaled Hydrous Calcium Silicate, of
Calcined Gypsum, and of Talc Dusts
on Animal Lungs**

G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory

THOMAS M. DURKAN, M.E.
Assistant Director, Engineering Division
The Saranac Laboratory
Saranac Lake, N.Y.

**3:00 p.m. The Experimental Study of the Biological
Action of Rare Earth Oxides and Fluorides,
Tungsten Carbide, Cobalt, and Glass Wool
on Animal Lungs**

G. W. H. SCHEPERS, M.D., D.Sc.
Director, The Saranac Laboratory

ANTHONY B. DELAHANT
Research Associate
The Saranac Laboratory
Saranac Lake, N.Y.

3:30 p.m. The Radon Problem in Deep Level Mining*

DUNCAN A. HOLADAY
Sanitary Engineering Director,
Occupational Health Field Station
U.S.P.H.S. Special Health Services
Salt Lake City, Utah

4:00 p.m. — 10 MINUTE RECESS —

**4:10 p.m. Practical Aspects of Estimating
Atmospheric Dustiness**

MALCOLM L. ROBERTS, M.S., M.E.
Industrial Hygiene Engineer
The Saranac Laboratory
Saranac Lake, N.Y.

**4:35 p.m. Current Problems in Dust Control in
Metal Mines**

CLIFFORD S. GIBSON
Chief Engineer and Secretary,
Committee on Silicosis
Mines Accident Prevention Association
Timmins, Ontario

5:00 p.m. Epilogue

CAREY P. MCCORD, M.D.
Acting Conference Chairman

*To be presented by W. CLARK COOPER, M.D., Chief,
Occupational Health Field Headquarters, Cincinnati, Ohio

- I. Large Lung Sections for Displaying Lung Lesions
- II. Representative Radiographs of Occupational Chest Diseases
- III. Gross Pathological Specimens of the Pneumoconioses
- IV. Experimental Pneumoconiosis
- V. Experimental Tuberculosis
- VI. Experimental Lung Cancer
- VII. Physiological Methods of Disability Evaluation
- VIII. The Petrography of Biotoxic Dusts
- IX. Practical Dust Sampling Methods
- X. Techniques of Aluminum Administration