

FILE NAME: Johns-Manville (JMA)

DATE: 1955 Feb

DOC#: JMA272

DOCUMENT DESCRIPTION: Agenda - McIntyre-Saranac Conference on
Occupational Chest Disease

10260



McIntyre-Saranac Conference
on
Occupational Chest Disease

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



10260

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. H. 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

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

Notes

PROGRAM SUMMARY

MONDAY: February 7

- 8:30 a.m. — 10:30 a.m.
Registration at the Town Hall
- 10:30 a.m. — 1:00 p.m.
General Introduction 5
- 2:30 p.m. — 6:00 p.m.
Aluminum in the Control of Silicosis 7

TUESDAY: February 8

- 9:30 a.m. — 1:00 p.m.
Epidemiology of Silicosis and Occupational
Chest Disease 9
- 2:30 p.m. — 6:00 p.m.
The Evaluation of Experimental Research
on Dust Disease 11
- 8:30 p.m. — 10:00 p.m.
Leroy U. Gardner Memorial Address and
Banquet 13

WEDNESDAY: February 9

- 9:30 a.m. — 1:00 p.m.
Medico-Legal and Clinical Aspects of
Pulmonary Disability 15
- 2:30 p.m. — 6:00 p.m.
Experimental and Engineering Aspects of
Occupational Chest Diseases 17

DISPLAYS 19

Notes

AFTERNOON SESSION February 7, MONDAY

Aluminum in the Control of Silicosis

Moderator

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

2:30 p.m. Studies on the Prophylaxis of Experimental Silicosis by Means of Aluminum

MORRIS DWORSKI, M.P.H.
*Director of Research
Variety Clubs-Will Rogers Hospital
and
Research Associate
The Saranac Laboratory
Saranac Lake, N.Y.*

3:30 p.m. The Demonstration of Aluminum in Animal Tissues

DUDLEY A. IRWIN, M.D.
*Medical Director
Aluminum Company of America
Pittsburgh, Pa.*

3:50 p.m. — 10 MINUTE RECESS —

4:00 p.m. Experiences with the Control of Silicosis in Foundries

L. M. D. OSMOND, M.D.
*Mesta Machine Co.
Homestead, Pa.*

4:30 p.m. Experiences with the Control of Silicosis in Gold Mining

J. K. GODIN, Manager
*Belle Terre Mines
Belle Terre, Quebec*

5:00 p.m. Experiences with the Control of Silicosis in the Ceramic Industry

D. L. PERRY, M.D.
*Universal Rundle Corporation
Newcastle, Pa.*

5:30 p.m. Discussion, initiated by

PAUL G. BOVARD, M.D.
*Consulting Roentgenologist
Tarentum, Pa.*

**The Evaluation of Experimental
Research on Dust Diseases**

Moderator

J. W. G. HANNON, M.D.

Medical Director, McIntyre Research Foundation
Washington, Pennsylvania

**2:30 p.m. The Clearance of Radioactive Dust
from the Human Lung**

ROY ALBERT, M.D.
Assistant Chief, Medical Branch
Division of Biology and Medicine
U.S. Atomic Energy Commission
Washington, D.C.

**2:50 p.m. Statistical Studies on Experimental
Aerosols**

STANISLAW KASZER, M.E., E.E.
Biostatistician
The Saranac Laboratory
Saranac Lake, N.Y.

**3:10 p.m. A Correlation of Tissue Reaction and the
Mineral Content of the Lungs of
Experimental Animals**

PHILIP C. PRATT, M.D.
Assistant Director, Biological Division
and
THOMAS M. DURKAN, M.E.
Assistant Director, Engineering Division
The Saranac Laboratory
Saranac Lake, N.Y.

**3:30 p.m. A Critique of Experimental
Tuberculosilicosis**

EMANUEL WOLINSKY, M.D.
Assistant Director
Trudeau Laboratory
Trudeau, N.Y.

3:50 p.m. — 10 MINUTE RECESS —

**4:00 p.m. The Value of Gough Section Preparations
in Dust Disease Diagnosis**

A. J. BLANCHARD, M.D.
Pathologist, Sunnybrook Hospital
Toronto, Ontario

and

A. R. RIDDELL, M.B., D.P.H.
Senior Medical Specialist
Division of Industrial Hygiene
Ontario Department of Health
Toronto, Ontario

AFTERNOON (Continued) February 8, TUESDAY

4:15 p.m. The Reaction of Chromium Compounds with Body Tissues and Their Constituents

ANNA M. BAETJER, D.Sc.
Associate Professor, Environmental
Medicine
Johns Hopkins University
Baltimore, Md.

4:40 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

5:05 p.m. The Biochemistry of Surface Reactions in Relation to Particle Size of Dust

LESTER D. SCHEEL, Ph.D.
Head, Biochemistry Laboratory
Trudeau, 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.

MORNING SESSION February 9, WEDNESDAY

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

Moderator

DUDLEY A. IRWIN, M.D.,

Medical Director, Aluminum Company of America
Pittsburgh, Pennsylvania

9:30 a.m. Legal Aspects of the Evaluation of Disability in Compensation for Pneumokoniosis ✓

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 Disease ✓

GILES F. FILLEY, M.D.
Head, Physiology Laboratory
Trudeau, N.Y.

10:50 a.m. — 10 MINUTE RECESS —

11:00 a.m. Talc Pneumokoniosis

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

11:25 a.m. The Pulmonary Disability Associated with Coal Mining

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

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, Massachusetts

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, Michigan

AFTERNOON SESSION February 9, WEDNESDAY

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

Moderator

ANGUS D. CAMPBELL

*Manager, McIntyre Research Foundation
Schumacher, Ontario*

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

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

and

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, Fluorides,
Tungsten Carbide, and Glass Wool**

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

and

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. Weight and Size-Distribution versus
Particle or Fiber Counts in 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
of Ontario
Timmins, Ontario*

5:00 p.m. Epilogue

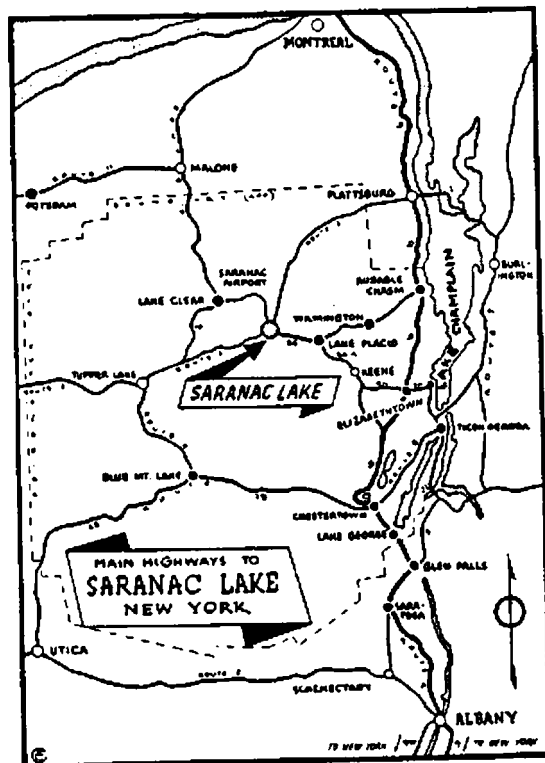
ANTHONY J. LANZA, M.D.
Conference Chairman

TECHNICAL DISPLAYS

- I. Large Lung Sections for Displaying Lung Lesions**
- II. Representative Radiographs of Occupational Chest Diseases**
- III. Gross Pathological Specimens of the Pneumokonioses**
- IV. Experimental Pneumokoniosis**
- 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**

SARANAC LAKE IS EASILY REACHED . . .

Excellent highways lead to Saranac Lake, the focal point of the scenic Adirondack Mountain Region, famous for its invigorating climate and unsurpassed recreational facilities.



TRANSPORTATION

Colonial Airlines
New York Central Railroad
Delaware and Hudson Railroad
Adirondack Trailways
Greyhound Bus Lines
Fitzgerald Bus Lines

1/31

McINTYRE-SARANAC CONFERENCE
FEBRUARY 7, 8 and 9, 1955
SARANAC LAKE, NEW YORK

General Information

Transportation

By Automobile: Those wishing to drive to Saranac Lake will find all roads open and well-sanded during the winter months. The greater part of the New York Thruway is already in use..

By Air: Colonial Airlines has daily plane service from LaGuardia Field, New York to Saranac Lake Airport and from Montreal to Saranac Lake Airport.

By New York Central R.R.: There are through sleepers from New York City to Saranac Lake. The New York Central R.R. has notified us that if a sufficient number of reservations are made far enough in advance they will arrange a through sleeper from Chicago to Saranac Lake and from Pittsburgh to Saranac Lake, picking up passengers at the principal cities en route. Simply contact the general passenger agent in any large city for this purpose at least two weeks before the Conference.

By Delaware and Hudson R.R.: There is no direct connection on the Delaware and Hudson to Saranac Lake but there is a daily train from New York and one from Montreal to Westport, about 45 miles from Saranac Lake. Taxi service will be arranged for those choosing this route provided we are notified in advance.

By Bus: Adirondack Transit Lines: There are three buses daily from New York to Saranac Lake via Albany, New York. Connections can be made at Albany with New York Central trains.

Greyhound: There are two buses daily from New York and from Montreal to Saranac Lake.

Fitzgerald Bus Lines: There is one bus daily from Watertown to Saranac Lake.

Recreation

The Saranac Lake area provides many forms of recreational winter activities including skating (outdoors and indoors), skiing, bobsledding on the Olympic Bob Run, and skeet shooting. Over the weekend of February 11, 12 and 13, the Winter Carnival will be held in Saranac Lake and there will be skating races, ski races, dog-sled races, a parade of decorated floats, a Carnival Ball, crowning of King and Queen, and a fireworks display.

In Lake Placid the following events are scheduled:

Saturday, February 5 — National Senior A.A.U. 2-Man Bobsled race for Bubs Monahan Trophy.

Hockey at Arena.

Sunday, February 6 — National Senior A.A.U. 4-Man Bobsled race for Billy Fiske Trophy.

Hockey at Arena.

U.S. Eastern American Ski Association — Jr. Downhill and Slalom Championships.

Monday, February 7 — U.S. Eastern American Ski Association — Jr. Downhill and Slalom Championships.

Friday, February 11 — Lake Placid High School Winter Carnival at High School grounds, Olympic Arena, and Scotts Cobble. (Includes figure skating, hockey, ski-jumping, cross-country, downhill, slalom and snow sculpturing.)

Saturday, February 12 — U.S. Olympic 2-Man Bobsled Try-outs.

19th Annual Kate Smith Ski Races, "Icicle Hop" Ball and crowning of High School King and Queen of Winter — Lake Placid High School Winter Carnival.

Sunday, February 13 — U.S. Olympic 2-Man Bobsled Try-outs.

19th Annual Kate Smith Ski Races.

International Pee Wee Bobsled Races on baby bob-run adjacent to the Arena.

Accommodations

Hotel Saranac, which is the headquarters for the Conference, several smaller hotels, and a number of first-class motels and tourist homes will comfortably accommodate those attending the sessions. If you plan to attend, please fill in the attached registration form and mail it to:

Executive Secretary
The Saranac Laboratory
Box 551
Saranac Lake, New York