

FILE NAME: Quebec Asbestos Mining Association (QAMA)

DATE: 1966-1974

DOC#: QAMA023

DOCUMENT DESCRIPTION: List of QAMA Research Reports from 1966-1974

04/11/74

INSTITUTE OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH
MONTREAL, CANADA

The research projects supported by IOEH
and the scientific publications originating
in them

1966 - 1974

Montreal, March 1974

JHM 00730

Survey of the research projects supported by IOEH and of
the scientific publications originating in them.

The Institute of Occupational and Environmental Health in Montreal was founded in 1966. Since then 19 research projects were accepted by its Scientific Committee and its Executive Committee and have been supported through IOEH by QAMA. Other 17 proposals of research projects were also processed by IOEH but not recommended for support by Scientific Committee.

The projects accepted and supported can be divided into following groups of practical interest:

I. Studies of comparable epidemiologic experience
in the mines of chrysotile in Canada (projects #1, #10),
of chrysotile in Italy (project #5),
of anthophyllite in Finland (project #7).

II. Studies of epidemiologic experience in the asbestos
cement factories
(projects #8, #16).
and the shipyards
(project #5).

.../2

IMM 00731

III. Studies of epidemiological experience with mesothelioma among the general population

(projects #2, #19).

IV. Studies of physico-chemical state and transformations of fibres during technological steps from mining to application of products

(projects #3, #11, #15, #18).

V. Studies of dynamics within the body and of mechanisms of biological effect of asbestos

(projects #4, #6, #12, #14, #17).

Up to March 1974 eighty-five scientific articles and books were published originating in the research projects supported by QAMA. This represents an important portion of the scientific literature on biological effects of asbestos and by its number and by its high standard it indeed contributes a great deal to the current objective knowledge of the subject.

JEM 00732

.../3

We respectfully submit a survey of the research projects processed by IOEH showing the research projects accepted and supported by QAMA and the proposals which were not recommended. In those accepted we show the name, the principal investigator, the approved cost and the summary of the proposed investigation, followed by a list of published documents; most of these documents are shown as a copy of IOEH filing cards containing also a summary and the coding numbers.

It should be mentioned that also a large number of scientific papers originating in our projects were presented at conferences and some papers are currently in press. They also contributed to objective scientific knowledge of the subject but they are not included in the present survey.

We hope that the survey will be found interesting and useful.

Premysl V. Pelnar, M.D.
Scientific Secretary

PVP/st
enclosures

00733

PROPOSALS PROCESSED BY IOEH NOT RECOMMENDED

JHM 00734

List of proposals of research project processed by IOEH
but not recommended for support by Scientific Committee.

BIGELOW, Bradley, M.D.: Department of Pathology, Bellevue Hospital, New York: - "Ferruginous bodies in the lungs of inhabitants of Paris not occupationally exposed to asbestos".

BOHLIG, Heinz, M.D.: Municipal Hospital, 588 Ludenscheid, West Germany: - "Epidemiological survey of frequency of mesothelioma in relation to occupational and environmental asbestos exposure in the city of Hamburg."

CHAMPEIX, J., M.D., Prof.: Faculté de Médecine, Clermont-Ferrand, France: - "Ferruginous bodies in the lungs of people not occupationally exposed to asbestos in France."

CRALLEY, Lewis J.: U.S. Dept. of Health, Education and Welfare, Cincinnati, Ohio: - "Electromotive properties of metals."

DICKSON, Robert, Prof.: Dalhousie University and Victoria General Hospital, Halifax, N.S.: - "A study of lung diseases in pulp and paper mill and shipyard workers."

GROSS, Paul (IHF), Pittsburgh, Pa.: "Study of the development and origin of ferruginous bodies in the lungs of hamsters and the general population."

GROSS, Paul (IHF), Pittsburgh, Pa.: The pathogenicity of brake lining-dust, its relation to the development of asbestos bodies."

GROSS, Paul (IHF), Pittsburgh Pa.: " Preliminary study of brake-drum dust."

GRZYBOWSKI, Stefan, M.D.: University of British Columbia, Vancouver, N.C.: "Investigation on diffuse pulmonary fibrosis with particular reference to exposure to asbestos."

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA: Pittsburgh, Pa.: "Studies on trace metals as possible factors in the pathogenicity of certain industrial dusts 1, nickel."

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA: Pittsburgh, Pa.: "Quantification and identification of inhaled fibres retained in lungs of urban U.S. residents vs. rural residents."

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA: Pittsburgh, Pa.
"Research on human lungs from people not occupationally
exposed to asbestos."

MURPHY, Raymond L.J., Jr., M.D.: Harvard University, Boston, Mass.
"Chest auscultation in the diagnosis of asbestosis." ✓

PORIN, J., M.D.: Caen University, Caen, France: -
"Project of an experimental study of the effects of inhalation
of dust in animals."

REIMANN, H.A., M.D.: Hahnemann Medical College and Hospital
of Philadelphia: Philadelphia, Pa.: - "Enteric entry of asbestos
as possible cause of systemic lesions."

SELIKOFF, Irving J., M.D.: Mount Sinai School of Medicine,
New York, NY.:
1) "Study of the radiological characteristics and development
of cor pulmonale in asbestosis."

2) "Pleural calcification in a radiographic survey of a large
industrial city in the United States."

RESEARCH PROJECTS PROCESSED BY IOEH

ACCEPTED AND SUPPORTED BY QAMA

JHM 0073

Project No. 1 - Epidemiological survey of the biological
effects of asbestos

All employees of asbestos mines in Quebec to be recorded and ex-employees traced. A random sample of current employees to be examined by a questionnaire and by a series of pulmonary function tests. The latest x-rays of all employees to be re-read. The past dust exposure for all employees to be assessed. The mutual relations between exposure to dust, symptoms, radiological changes of the lungs and the impairment of respiratory function to be examined. The cause of death of those who died to be traced and correlated with dust exposure.

Cost: \$230,000.

Dr. J.C. McDonald, M.D.,
Department of Epidemiology and Health,
McGill University,
Montreal.

(Continues as IOEH # 10)

JHM 00738