Postgraduate Course

in

AVIATION MEDICINE

Given by

THE COLLEGE OF MEDICINE
O H I O S T A T E U N I V E R S I T Y

and

THE MEDICAL DIVISION
CIVIL AERONAUTICS ADMINISTRATION

☆

Sponsored by

THE AERO MEDICAL ASSOCIATION

and

THE CIVIL AVIATION MEDICAL ASSOCIATION

☆

SEPTEMBER 12 to 16, 1955

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University Health Center
Ohio State University
Columbus, Ohio

All academic sessions will be held in Room M-100 Starling Loving Hospital. Meals can be obtained at the cafeteria in University Hospital. Breakfast 6:30 - 8:30 A.M., Lunch 11:30 - 1:30 P.M., Dinner 4:30-6:30 P.M.
Schedule of Topics

MONDAY, SEPTEMBER 12

9:00 - 12:00 A.M.
Welcoming Remarks .................................................. Dr. Melling
History of Aviation Medicine ......................................... Dr. Hitchcock
Aviation Medicine as a Clinical Specialty ......................... Dr. Ashle
Coffee Break
The Human Engineering Concepts ................................... Dr. McFarland

1:00 - 4:00 P.M.
Respiratory Physiology in Aviation ................................... Dr. Luft
Coffee Break
Pulmonary Function Tests ............................................. Dr. Luft, Dr. Tomashowski
Discussion ............................................................... Dr. McFarland

TUESDAY, SEPTEMBER 13

8:00 - 11:50 A.M.
Acceleration and Deceleration ........................................ Dr. Henry
Discussion
Aircraft Accident Prevention ......................................... Dr. King
Discussion
1:30 - 5:00 P.M.
Cardiology in Aviation Medicine .................................... Dr. Smith
Coffee Break
Cardiology (continued)
Discussion
7:30 P.M.
Tour of C. A. A. Medical Research Laboratory and Discussion .................................................. Dr. King, Mr. Swearingen
Bus will depart from University Hospital at 7:30 P.M.

WEDNESDAY, SEPTEMBER 14

8:00 A.M.
Ophthalmology in Aviation Medicine .................................. Dr. Kuhn
9:00 A.M.
Eye Conservation: A Plant Program, Timken Roller Bearing Company, Columbus, Ohio (tour and discussion)
Bus will depart from University Hospital at 8:40 A.M.

2:00 - 5:00 P.M.
The Preventive Medicine Concepts .................................. Col. Boyce
Toxicologic Principles .................................................. Dr. Hughes
Effects of Noise and Vibration ....................................... Dr. Young
Clinicopathologic Conference ....................................... Dr. Von Haam

THURSDAY, SEPTEMBER 15

Air Base at 8:30 A.M.

8:00 A.M.
All Day trip to Wright Field arranged by the courtesy of General Tracy and Colonel Boyce
Greyhound bus will depart from University Hospital for Wright-Patterson Air Force Base at 8:30 A.M.
Symposium and tour of inspection of the Aero Medical Laboratory .................................................. Col. Bollard and Staff
Cocktails and Dinner at the Officers Club at 5:30 P.M.
Bus will depart for return trip to Columbus from the Officers Club at 8:30 P.M.

FRIDAY, SEPTEMBER 16

9:00 - 11:50 A.M.
Psychiatry in Aviation Medicine ..................................... Dr. Hastings and Dr. Fitts
Coffee Break
Discussion

1:00 - 4:00 P.M.
The Naval Medical Center Review Course on Preventive Medicine .................................................. Cdr. Whitmore
Thyroid Disease and Its Importance in the Examination of Pilots .................................................. Dr. Hamwi

Faculty

WILLIAM F. ASHE, M.D.
Professor and Chairman of the Department of Preventive Medicine, Ohio State University

COLONEL JOHN BOYSEN, M.D.
Deputy Surgeon, Air Materiel Command, Wright-Patterson Air Force Base

PAUL M. FITTS, Ph. D.
Professor of Psychology, Ohio State University, Director Laboratory of Aviation Psychology

GEORGE J. HAMWIL, M.D.
Associate Professor of Medicine, Ohio State University

DONALD HASTINGS, M.D.
Chairman of the Dept. of Psychiatry, University of Minnesota

JAMES HENRY, M.D.
Aero-medical Laboratory, Wright-Patterson Air Force Base

FRED A. HITCHCOCK, Ph.D.
Professor of Physiology and Director of Aviation Physiology Laboratory, President-elect Space Medicine Association

JAMES P. HUGHES, M.D.
Associate Professor of Preventive Medicine (Industrial Medicine), Ohio State University

BARRY G. KING, Ph. D.
Associate Professor of Physiology, Ohio State University Research Executive, Civil Aeronautics Administration

HEDWIG KUHN, M.D.
Consultant in Ophthalmology to U.S.A.F. and C.A.A.

ULRICH LUFT, M.D.
Director, Respiratory Physiology Research, Lownells Clinic Research Foundation

ROSS McFARLAND, Ph. D.
Associate Professor of Industrial Hygiene, Harvard School of Public Health

RICHARD L. MEILING, M.D.
Associate Dean, Ohio State Univ. College of Medicine, President-elect Civil Aviation Medical Association

JOHN E. SMITH, M.D.
Assistant Professor of Medicine, George Washington University, Chief of Medical Standards, C.A.A.

JOHN SWEEZINGEN
Chief of the Civil Aeronautics Administration Medical Research Laboratory

JOSEPH F. TOMASHOWSKI, M.D.
Assistant Professor of Internal Medicine, Ohio State University, and Director of Research, Ohio State Tuberculosis Hospital; Flight Surgeon, USAF Reserve

BRIG. GENERAL EDWARD TRACY, M.D.
Surgeon, Air Materiel Command, Wright-Patterson Air Force Base

COMMANDER J. D. WHARTON, M.D.
Director, Flight Surgeon Training, Naval Medical Institute, Bethesda, Md.

EMMERICH VON HAAM, M.D.
Chairman of Dept. of Pathology, Ohio State University

ROBERT E. S. YOUNG, M.D.
Associate Professor of Industrial Medicine, O. S. U. Medical Director North American Aviation Corp.
The Health Center

Buildings in the Ohio State University Medical Health Center are (1) Hamilton Hall, headquarters of the College of Medicine; (2) Starling-Loving Hospital; (3) New University Hospital; (4) Tuberculosis Hospital; (5) Receiving Hospital; (6) Dentistry Building.