

THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL

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ABSTRACT CURRICULA VITAE

Nydia Meyers, Ph.D

DEGREES

Bachelor of Science in Chemistry, University of Michigan

Master in Chemistry, Stanford University, Palo Alto, California

Ph.D, Stanford University, Palo Alto, California (Major-Organic,
Minor-Biochemistry)

Teaching Certificate, Secondary Schools, University of Michigan,
Department of Education, Ann Arbor, Michigan

HONORARY SOCIETIES

Sigma Xi

Iota Sigma Pi (National Women Chemists Honorary Society)

Fellow of the Royal Microscopical Society of London

PROFESSIONAL SOCIETIES

American Chemical Society

British Chemical Society, London, England

American Association of University Women

American Association for the Advancement of Science

New York Academy of Sciences

New York Microscopical Society

State Microscopical Society of Illinois

Women's Research Society, University of Michigan

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Former Fellow of the British Empire Cancer Campaign, University of
Manchester, Manchester, England

Research Associate at the University of Zurich with Prof. Paul Karrer,
Nobel Prize Laureate

Research Associate at Wayne County General Hospital

Senior Research Associate, University of Michigan, Department of
Human Genetics, Red Blood Cell Metabolism and Function, with
Dr. George Brewer -- Also Sickle Cell Anemia

Presently Special Research Assistant to Dr. George Brewer

Member of the Michigan Science Teachers Association

Member of the Cornell, Stanford, and University of Michigan Alumni
Associations

Twenty-five years of teaching sciences at all levels, including seminar
classes at graduate and post-graduate levels, here and abroad.

This was in connection with research results, and one-to-one
training in a teaching research laboratory.

Numerous publication in national and international science literature

Al Meyers Airport

Post Office Box 100

Home of the Meyers Aircraft

Tecumseh, Michigan 49286

ABSTRACT CURRICULA VITAE

Nydia Meyers

Mrs. Allen H. Meyers

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BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE, cont'd.

President, Al Meyers Airport Corporation

Member of the Michigan Association of Airport Executives

Private and commercial pilots license. Flies personal plane
Meyers 200, N-34383

Member of the 99's (Women Pilots), Zonta - Adrian Chapter

Member of the Yankee Air Force, Willow Run Airport

Member of the AOPA (Aircraft Owners and Pilots Association)

Member of the Antique Airplane Association

Member of the EAA (Experimental Aircraft Association)

Member of the OX5 Club of America - Michigan Wing

Member of the Meyers Aircraft Owners Association

Member of the Tecumseh Area Chamber of Commerce

Member of the TEcumseh Historical Society



Allen H. Meyers Foundation, Inc.



*Encouragement and promotion of higher education,
research in the sciences, and aviation-space studies*

Post Office Box 100

Tecumseh, Michigan 49286

ABSTRACT CURRICULA VITAE

Nydia Meyers

Mrs. Allen H. Meyers

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BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE, cont'd.

President of the Allen H. Meyers Foundation

Member of the Council of Michigan Foundations

Member of the Michigan Council of Foundations Mandate Committee

Coordinator for the Michigan Council of Foundations Congressional
District #2

PUBLICATIONS

Micro Method for Determination of Phytic Acid Phosphorus.
(undated)

The Introduction of Alkylamino and Dialkylamino Groups into the Quinoline Nucleus, Journal of the American Chemical Society, 17:1109, 1949

Fusion Analysis, A Rapid Method for Identification of Organic Compounds, Journal of Chemical Education, 26:159, 1949

Separation of Primary, Secondary and Tertiary Amines by Chromatographic Absorption Analysis, Journal of chemical Education, 26:271, 1949

Reinvestigation of the Reaction of Ethylmagnesium Bromide with Pyridine, Journal of the American Chemical Society, 71:2254, 1949

The Isolation of an Isomeric Cytidylic Acid from Hydrolysates of Yeast Ribonucleic Acid, Journal of the American Chemical Society, 72:2811, 1950

The Isolation in Crystalline Form and Characterization of the Two Isomeric Cytidylic Acids Derived from Yeast Nucleic Acid, Journal of the American Chemical Society, 73:4215, 1951

The Synthesis of Pyrimidinyl Sulphides and Disulphides, The British Empire Cancer Campaign, Thirty-Second Annual Report, 378, 1954

The Synthesis of 5-Pyrimidinyl Sulphides and Disulphides, Journal of the Chemical Society, 4206, 1954, Part I

The Synthesis of DI-(6-Amino-2:4-Dihydroxypyrimidin-5YL) Disulphide, Chemistry and Industry, 983, 1955

The Synthesis of Pyrimidin-5-yl Sulphides and Disulphides, Journal of the Chemical Society, 917, 1956, Part II

Polarography of Some Purine Derivatives, Journal of Pharmacy and Pharmacology, 8:410, 1956

Polarographic Detection of 5-Pyrimidinyl Disulfides, Analytical Chemistry, 29:1454, 1957

Multi-Vitamins and Minerals, Keys to Better than Average Health, (A popular booklet), Chasby Press, Jackson, Michigan, 1959

The Enigma Called Cancer: Findlay College Alumnus, Winter, 1962

PUBLICATIONS

Change in Ehrlich Ascites Cell Size Induced by Phenazine-DI-N-Oxide, Proceedings of the American Association for Cancer Research, 3:320, 1962

A Simplified Procedure for Obtaining Fluorescence in Tumor Cells Using the Conventional Laboratory Microscope and Lighting, Proceedings of the Western Pharmacology Society, 5:25, 1962

Direct Ehrlich Ascites Tumour Cell Diameter Measurements by Projection of a Microscope Image, Journal of the Royal Microscopical Society, 82:51, 1963

A Study of a Possible Oral Hypoglycemic Factor in Albahaca Morada (Ocimum Sanctum) L., The Ohio Journal of Science, 64: 223, 1964

Index to Microscopy in ASTM Literature, Part I: 1916-1965, ASTM Committee E-25 on Microscopy, American Society for Testing and Materials

Rediscovering the Microscope, Filmstrip and Manual, Audio-Visual Education Center, The University of Michigan, Ann Arbor, 1966

Blue Light Fluorescence Microscopy for Cell Studies, The Wasman Journal of Biology, 24:1, 1966

Dark-Field Pulmonary Cinemicrography: Fibrination (as in Maternal Abruptio Placentae) versus Meconium Embolism (as in Amniotic Embolism), 1966

Point Source Stroboscopic Color Cinemicrography of the Rabbit Pulmonary Arteriolar Circulation, Presented at the Royal Microscopical Society, Chicago, 1966

Stroboscopic Reflected Dark-Field Cinemicrography: Pulmonary Fibrination (as in Maternal Abruptio Placentae) Versus Meconium Embolism (as in Amniotic Embolism), 4th European Conference on Microcirculation, Cambridge, England, University of Cambridge, 1966

A Three-Axis Micro-Positioning Machine for Cinemicrography of Living Tissues, Journal of the Society of Motion Picture and Television Engineers, 76:800, 1967

Transient Pulmonary Arteriolar Constriction, Then Increased Perfusion, Following Serotonin, and Following Fibrination, Proceedings of the 4th European Conference on Microcirculation, University of Cambridge, Cambridge, England, 1966, 9:66, 1967

PUBLICATIONS

Point Source Stroboscopic Color Cinemicrography of the Rabbit Pulmonary Arteriolar Circulation, The Microscope and Crystal Front, London, England, Vol. 15, Third Quarter, 1967

A Triple Axis Servohydraulic Stage for Cinemicrography, Journal of the Biological Photographic Association, 36:106, 1968

Microscopy Needs Better Microscopists, Scientific Research, November 25, page 37, 1968

Enzymatic Synthesis of Carbonic Anhydrases by Human Reticulocytes, Biochem. Biophys. Acta, 195:176, 1969

Oxygen Affinity-Independent Antisickling Effect of Zinc, Proceedings of the Society for Experimental Biology and Medicine, page 105, #204, 1973

Iron-ATP, A By-Product of Acid Extraction of Whole Blood or Red Blood Cells, Biochemica et Biophysica Acta, 320:397, c Elsevier Scientific Publishing Company, Amsterdam, 1973

Anti-Sickling Effects of Zinc, Proceedings of the First National Symposium on Sick cell Disease, U.S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, DHEW Publication No. (NIH) 75-723, Bethesda, Maryland, 1974

Anti-Sickling Effects of Zinc, Abstracts of the First National Symposium of Sick Cell Disease, Chapter 2, page 3, DHEW Publication No. (NIH) 74-704. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, 1974

Blood Substitutes, Progress in Clinical and Biological Research, Volume I, Erythrocyte Structure and Function, Chapter V, page 561, Alan R. Liss, Inc., New York, New York, 1975

The Effect of Epinephrine on the "In Vivo" Concentration of Erythrocyte Glycolytic Intermediates (39562), Proceedings of the Society for Experimental Biology and Medicine, 153:429, 1976

The Use of Pharmacological Doses of Zinc in the Treatment of Sick Cell Anemia, Progress in Clinical and Biological Research, Zinc Metabolism: Current Aspects in Health and Disease, 14:241 Alan R. Liss, Inc., New York, New York, 1977

Instruction in Microscopy, Part One: Mobilizing Interest and Organizing, American Laboratory, page 43, March, 1982

Instruction in Microscopy, Part Two: The University of Michigan Experience, American Laboratory, page 27, April, 1982

PUBLICATIONS

Kohler Illumination as a Central Theme in a Microscopy Course For Young People, New York Microscopical Society Newsletter, page 11, Fall, 1983 (Reprinted from "The Microscope" Vol. 31, May, 1983)

Kohler Illumination as a Central Theme in a Microscopy Course For Young People, The Microscope, Vol. 31, page 89, 1983

MISCELLANEOUS PUBLICATIONS

CURRICULA VITAE ADDITIONS

Pioneer Pilots OX5 Michigan Wing (correct on prev. sheet)

Certificates of Continuing Education in Science and Aviation
(Check bedroom wall)

AOPA Seminars
(check log books and file)

PERSONAL DATA

Wife of Allen H. Meyers

FAA Certified Private and Commercial Pilot
License #

Pilots license: Switzerland Triptique Aeronautique
England
Jamica, British West Indies

AVIATION & PROFESSIONAL EXPERIENCE

Carl D. Pursell Congressional Club
Tecumseh Historical Society
Tecumseh Chamber of Commerce
Yankee Air Force, Willow Run

PUBLICATIONS

Adrian Telegram, full page
Lenawee Magazine, Summer Issue
Tecumseh Herald
Toledo Blade
Sport Aviation, November, 1977
Allen H. Meyers Booklet

Need date
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July 4, 1985?
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