

Date: 10-1-65

THE OHIO STATE UNIVERSITY
NEWS AND INFORMATION SERVICE
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Form 4459—Rev. 1/60

JACK HINE

NOTE: Please type or use pencil to facilitate duplication.

Name HINE JACK
(Please print your name in full) Last Name 1st Name 2nd Name

Home Address 2565 Charing Road
(Street and number)

Town Columbus Telephone 486-4267

Present Position or Rank (with date) Professor, 1965

Department Chemistry

Previous Positions or Ranks at Ohio State (with dates)

Date of Birth July, 2, 1923

Place of Birth Coronado San Diego California
City County State

Father's Name in Full Virgil Sylvester Hine

Mother's Maiden Name, in Full Mildred Virginia Wing

Religious Affiliations Unitarian

Are You Married? Yes; Date May 24, 1946

Wife's Maiden Name in Full Mildred Halacek

or
Husband's Name in Full

Children (please name); Give Dates of Birth
Katherine, July 15, 1949

High School or Preparatory School Muskogee Central
High School, Muskogee, Oklahoma

College or University	Degree	Date
<u>U. of Arkansas</u>	<u>B.S.</u>	<u>1943</u>
<u>U. of Illinois</u>	<u>Ph.D.</u>	<u>1947</u>
<u>Lewis College</u>	<u>LL.D. (Hon.)</u>	<u>1965</u>

Scholarships or Fellowships Held, with dates
University Scholar, 1946, U of Illinois
" Fellow, 1947 " " "
du Pont Postdoctoral Fellow, Harvard Univ. 1948-49

Major Undergraduate Honors, Offices or Activities B.S. with honors
Phi Beta Kappa, Omicron Delta Kappa,
Pi Mu Epsilon, Who's Who Among Student
in American Universities and Colleges.

Membership in Social Fraternity or Sorority

(OVER)

Positions and ranks at other colleges, with dates

Asst. Prof., 1949-51

Assoc. Prof., 1951-54

Full Prof., 1954-58

Regents' Prof., 1958-65 at the
Georgia Institute of Technology

Business or professional experience, other than at colleges, with dates

Asst. Research Chemist, Cities'
Service Oil Co., Okmulgee, Okla.

1943-1945

Military Service (dates, branch, rank, honors)

Memberships in service, civic, fraternal, honorary, church, trade, educational, scientific, professional organizations, with offices held and dates:

Alpha Chi Sigma, Sigma Xi,

Phi Beta Kappa, Phi Kappa Phi,

Omicron Delta Kappa, Phi Lambda

Upsilon, Pi Mu Epsilon, American

Chemical Society (Executive Committee,

Div. of Organic Chem., 1963-65),

Chemical Society (London), American

Physical Society, Amer. Assoc. of

University Professor, Amer. Assoc.

for the Advancement of Science

(Fellow)

Special field of research or teaching (explain) or description of present duties

Teaching of organic chemistry,
research in physical organic
chemistry.

Service on University Boards, Councils, Committees, with dates

Major publications. Book: Physical Organic

Chemistry, McGraw-Hill Book Co., Inc.
1st ed., 1956; 2nd ed., 1962, German,
Japanese and Polish translations.

Book: Divalent Carbon, Ronald Press,
1964.

Sixty (+) journal articles on various
phases of physical organic chemistry.

Other information (include honors received, inventions, etc.)

Florida Award of the Florida Section
of the Amer. Chem. Soc., Herty Medal
of the Georgia Section of the Amer.

Chem. Soc., Watson Lecturer, Virginia
Polytechnic Institute; Phillips

Visitor, Haverford College, Kelly
Lecturer, Purdue University.

FROM: OHIO STATE UNIVERSITY NEWS AND INFORMATION SERVICE
190 N. OVAL DR., COLUMBUS, OHIO 43210
Phone: CYPRESS 3-2711

6-10-65
(LO,WS,SP)

Release on Receipt

COLUMBUS, O., June 10. -- -- Appointment of professors of pharmacy, philosophy, chemistry and psychology, and associate and assistant deans of the College of Arts and Sciences received approval of the Ohio State University Board of Trustees Thursday (6/10).

Named professor in the College of Pharmacy, effective July 1, was Dr. Louis Malspeis, currently professor of pharmacy and pharmaceutical chemistry at Columbia University.

Dr. Robert G. Turnbull, professor and chairman of philosophy at the State University of Iowa, was named professor of philosophy effective Oct. 1.

Appointed professor of chemistry, effective Oct. 1, was Dr. Jack Hine, currently Regents Professor of Chemistry at Georgia Institute of Technology.

Dr. Hine is an authority in the "carbene" field of chemistry and his work in this area has been important in the development of modern theoretical organic chemistry. He is the author of a leading textbook, "Physical Organic Chemistry," and of approximately 70 scientific papers in several areas of organic chemistry dealing with the mechanism of reactions.

JACK HINE, presently Regents Professor, Georgia Institute of Technology, has accepted the position of Professor in the Chemistry Department, The Ohio State University, to begin July 15, 1965.

Professor Hine's work in the "carbene" field represents a classic aspect in the development of modern theoretical organic chemistry. He has revitalized this area of organic chemistry through carefully chosen and well executed experiments. He is author of a leading textbook, "Physical Organic Chemistry", published by John Wiley and Sons, and has approximately seventy scientific publications in several areas of organic chemistry dealing with the mechanisms of reactions. Professor Hine's addition to the chemistry department faculty will add significantly to the graduate program in chemistry at Ohio State University.

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6886

Hine, Jack
2930 North Star Road
Columbus, Ohio 43221
Retired: Effective 8/31/86

Chemistry Professor
born in Coronado, California July 2, 1923
married in 1943; one child

EDUCATION: B.S., University of Arkansas, 1943
Ph.D. Chemistry, University of Illinois, 1947
Honorary Degree- LLD, Lewis College, 1965

PROFESSIONAL EXPERIENCE:

Assistant Research Chemist, Cities Service Oil
Company, 1943-1945
Research Associate Organic Chemistry, Massachusetts
Institute of Technology, 1947-1948
du Pont Fellow, Harvard University, 1948-1949
from Assistant Professor to Professor of Chemistry,
Georgia Institute of Technology, 1949-1958
Regents Professor, Georgia Ins of Tech, 1958-1965

Professor of Chemistry, Ohio State University,
1965-1986

Concurrent Position: Sloan Fellow, 1956-1960;
lecturer, Western Reserve University, 1959; Phillips
visitor, Haverford Col, 1960; John Watson Lecturer,
Virginia Polytech Institute and State University,
1962; Kelly Lecturer, Purdue University, 1964.

Honors and Awards: Georgia Institute of Technology Research
Award, 1958
Fla Award, American Chemistry Society, 1962
Herty Medal, Georgia section, 1963

Member- Fellow-AAAS
American Chemistry Society
American Physics Society
The Chemistry Society
Chemistry Society of France

Research- Effect of structure on rate and equilibrium constants
Polyfunctional catalysis
Imines and iminium ions
Enzyme model studies

Source of Information: American Men and Women of Science. 1986.

5/88 K. Grossi

HINE

Jack Hine, age 65, Wednesday at the residence. Professor of Chemistry at the Ohio State University. Survived by wife, Vicenta; daughter and son-in-law, Katherine and David Green of Okla.; 4 grandchildren. Funeral service 11 a.m. Saturday, July 9, at the SCHOEDINGER NORTHWEST CHAPEL, 1740 Zollinger Rd., where the family will receive friends 7-9 p.m. Thursday and 2-4 and 7-9 p.m. Friday. Interment Union Cemetery.

September 1 and 2, 1988 meeting, Board of Trustees

Jack Hine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 6, 1988, of Jack Hine, Professor Emeritus in the Department of Chemistry.

Dr. Hine was born on July 2, 1923, in Coronado, California. He received his B.S. degree in Chemistry from the University of Arkansas in 1943 and his Ph.D. degree in organic chemistry from the University of Illinois-Urbana in 1947. He then studied two years as a postdoctoral fellow at the Massachusetts Institute of Technology (1947-48) and Harvard University (1948-49).

Dr. Hine then started his academic career at Georgia Institute of Technology as Assistant Professor; he was promoted rapidly through the ranks to Professor in 1954 and Regent's Professor in 1958. He joined The Ohio State University as Professor of Chemistry in 1965.

Professor Hine was named an Alfred P. Sloan Research Fellow (1956-60), and was awarded the Hertz Medal of the American Chemical Society (1963). He received the LL.D. (Honorary) degree from Lewis College in 1964. He was a member of several professional organizations and honorary societies, including the American Chemical Society (member of executive committee, division of organic chemistry 1963-65), Chemical Society of London, American Physical Society, Socie'te' Chemique de France, A.A.A.S., Faraday Society, Phi Beta Kappa, Sigma Xi, Phi Kappa Phi, Alpha Chi Sigma, Phi Lambda Upsilon, Omicon Delta Kappa, and Pi Mu Epsilon.

Professor Hine was a true educator in every sense of the word. He was widely recognized on Campus by both undergraduate and graduate students and faculty colleagues as one who could best convey crystal clear and logical thought patterns. His three textbooks, the first published in 1956, in three different areas of physical organic chemistry all became the textbook par excellence on the respective topic. Two features that characterized Dr. Hine's teaching and research were thoroughness and a critical care for detail. Upon his retirement in 1986, Dr. Hine was named Professor Emeritus. He continued active research projects with postdoctoral research associates until his death; via National Science Foundation and National Institutes of Health grant funding.