

Dr Tracy Hall

BIOGRAPHICAL DATA  
of  
HENRY EYRING

Present Position: Distinguished Professor of Chemistry and Metallurgy,  
University of Utah, Salt Lake City, Utah 84112

Born: February 20, 1901, Colonial Juarez, Chihuahua, Mexico

Parents: Edward Christian and Caroline Romney Eyring

Education: B.S., (Mining Engineering), University of Arizona, 1923.  
M.S., (Metallurgical Engineering), University of Arizona, 1924.  
Ph.D. (Chemistry), University of California, 1927.

Honorary Doctor of Science, University of Notre Dame, 1969.  
Honorary Doctor of Science, Marquette University, 1969.  
Honorary Doctor of Science, Denison University, 1967.  
Honorary Doctor of Science, Western Reserve University, 1966.  
Honorary Doctor of Laws, University of California-Davis, 1966.  
Honorary Doctor of Science, Brigham Young University, 1965.  
Honorary Doctor of Laws, Indiana Central College, 1964.  
Honorary Doctor of Science, Seoul Nat'l Univ. (Korea), 1963.  
Honorary Doctor of Science, Princeton University, 1956.  
Honorary Doctor of Science, Northwestern University, 1953.  
Honorary Doctor of Science, University of Utah, 1952.

Married: Mildred Bennion, August 25, 1928.

Children: Edward Marcus Eyring  
Henry Bennion Eyring  
Harden Romney Eyring

Experience: Distinguished Professor of Chemistry and Metallurgy, 1966 --  
Dean of Graduate School and Professor of Chemistry,  
University of Utah, 1946-1966.  
Professor of Chemistry, Princeton University, 1938-1946.  
Assistant and Associate Professor of Chemistry, Princeton  
University, 1931-1938.  
Lecturer, Chemistry, University of California, 1930-31.  
National Research Fellow, Kaiser-Wilhelm Institute,  
Berlin, 1929-30.  
Research Associate, Chemistry, University of Wisconsin,  
1928-29.  
Instructor in Chemistry, University of Arizona, Tucson, 1924-25.

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Organizational  
Memberships:

International Academy of Quantum Molecular Science, 1969;  
The Chemist Club (New York); Hon. Member of The  
Chemical Society (London), Member, National Science Board  
(1962-1968); Am. Assoc. Adv. of Science, (Pres. 1965,  
Board of Dir. 1961-66) (Pres. Pacific Div. 1958, Vice Pres.  
1946); Amer. Chem. Soc. (Pres. 1963); Amer. Acad. of  
Arts & Sci.; Nat'l Acad. of Science; Amer. Phil. Soc.;  
Utah Acad. of Sci.; Sigma Xi; Phi Kappa Phi; Soc. Rheology  
(Vice Pres. 1946); Board of Dir. of Annual Reviews, 1954--;  
Editor of Annual Reviews of Physical Chemistry, 1956--;  
Scientific Advisory Committee of Robert A. Welch Foundation,  
1954--, Member of General Sunday School Board, Church of  
Jesus Christ of Latter Day Saints; Hon. Member of Phi  
Lambda Upsilon; Gamma Alpha; Chairman, Intern'l Sci.  
Exhib. Molecular Class, 1958.

Publications:

Significant Liquid Structures, H. Eyring and M. S. Jhon,  
John Wiley & Sons, 1969. Statistical Mechanics & Dynamics,  
H. Eyring, D. Henderson, B. Stover and E. M. Eyring,  
John Wiley & Sons, 1964. Modern Chemical Kinetics,  
H. Eyring and E. M. Eyring, Reinhold Pub. Corp. 1963.  
The Kinetic Basis of Molecular Biology, F. H. Johnson,  
H. Eyring and M. J. Polissar, John Wiley & Sons, 1954.  
Quantum Chemistry, H. Eyring, J. Walter and G. Kimball,  
John Wiley & Sons, 1944. The Theory of Rate Processes,  
H. Eyring, S. Glasstone and K. J. Laidler, McGraw-Hill Co.,  
1941.

Has published over 457 papers in National Journals.

Special interest:

Radioactivity, application of quantum mechanics and statistical  
mechanics; theory of reaction rates; theory of liquids, rheology,  
Molecular biology, theory of flames; optical rotation.

Awards:

Linus Pauling Medal, Puget Sound A.C.S. Section, 1969.  
The Cresson Medal, The Frankling Institute, 1969.  
Madison Marshall Award, No. Alabama Sec. A.C.S., 1968.  
Willard Gibbs Medal, 1968.  
Irving Langmuir Award, 1967.  
National Medal of Science, 1966.  
Peter Debye Award, 1964.  
G. N. Lewis Award, California Section, 1963.  
Distinguished Alumni Award, U. of U., 1961.  
Award of Merit, U. of Arizona, 1960.  
John E. Talmage Award, B. Y. U., 1959.  
Local ACS Award (Salt Lake City), 1959.  
William H. Nichols Medal, N. Y. Section of A. C. S., 1951.  
Second Bingham Medal from Soc. of Rheology, 1949.  
Research Corporation Award, 1949.  
University of Arizona Alumni Achievement Award, 1947.  
Ninth Annual Prize of A. A. A. S., (Newcomb Medal), 1932.