

#### HONORS AND DISTINCTIONS OF H. TRACY HALL

- 1973 American Chemical Society Tour Speaker (Texas, Louisiana)
- 1973 The American Society for Metals "Engineering Materials Achievement Award", Chicago, Oct. 2, Conrad Hilton Grand Ballroom
- 1972 American Chemical Society Tour Speaker (Oregon, Washington)
- 1972 Fellow, The American Institute of Chemists
- 1972 The Intermountain Society of Inventors and Designers "Certificate for Distinguished Service and Leadership in the Field of Invention and Designing", Salt Lake City, Utah, May 20
- 1972 Fellow, The Utah Academy of Science Arts, and Letters
- 1972 The American Chemical Society "Award for Creative Invention", Boston, Mass., April 10
- 1971 Honorary Doctor of Science Degree, Brigham Young University, Commencement Exercises, Provo, Utah, May 28
- 1971 "Outstanding Manhood Award", presented by Associated Men Students, Brigham Young University, Provo, Utah, April 13
- 1970-1973 Member of National Academy of Science--National Research Council Evaluation Panel for the National Bureau of Standards Heat Division
- 1970 Cortez Honors Lecture, Weber State University, Dec. 10, Ogden, Utah
- 1970 American Institute of Chemist's "Chemical Pioneer Award", Pittsburgh, Pennsylvania, May 16
- 1968- Member of Joint Army-Navy-Air Force Thermochemical Tables Advisory Group
- 1967 Distinguished Professor of Chemistry and Chemical Engineering, Brigham Young University
- 1967 Robert A. Welch Foundation, "Lecturer in Chemistry", Texas Universities
- 1966-1969 Member of Editorial Board, "The Review of Scientific Instruments"
- 1965 The American Chemical Society, Salt Lake Section's "Utah Award", University of Utah, Salt Lake City, December 9
- 1965 The National Association of Manufacturer's "Modern Pioneers in Creative Industry Award", The Waldorf Astoria, New York City, December 2

- 1965 The Brigham Young University's "James E. Talmage Scientific Achievement Award", Baccalaureate Exercises, Provo, Utah, May 27
- 1964 Third Annual "Olin Mathesen Lecture", Yale University, New Haven, Connecticut, April 22
- 1964 First "Annual Faculty Lecture", Brigham Young University, Provo, Utah, April 8
- 1962 The American Society of Tool and Manufacturing Engineers "Research Medal", New York City, New York
- 1961-1964 Member of Editorial Board, "Inorganic Chemistry"
- 1960-1961 President, Utah Academy of Sciences, Arts and Letters
- 1960 Fellow, American Association for the Advancement of Science
- 1959-1963 Alfred P. Sloan Foundation Research Fellow
- 1959 Chairman, Salt Lake Section, American Chemical Society
- 1954 First to synthesize diamond, December 16, G. E. Research Lab, Schenectady, New York