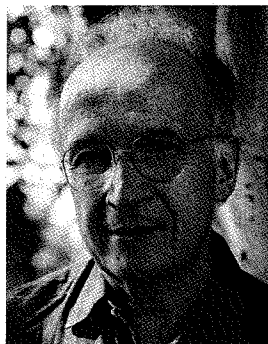


Biographical Sketch for *Roald Hoffmann*

Roald Hoffmann was born in 1937 in Zloczow, Poland. Having survived the war, he came to the U. S. in 1949, and studied chemistry at Columbia University and Harvard University (Ph.D. 1962). Since 1965 he is at Cornell University, now as the Frank H. T. Rhodes Professor of Humane Letters. He has received many of the honors of his profession, including the 1981 Nobel Prize in Chemistry (shared with Kenichi Fukui).



“Applied theoretical chemistry” is the way Roald Hoffmann likes to characterize the particular blend of computations stimulated by experiment and the construction of generalized models, of frameworks for understanding, that is his contribution to chemistry.

Dr. Hoffmann also writes essays, poems and plays. Two of his poetry collections, *The Metamict State* (1987) and *Gaps and Verges* (1990), have been published by the University Presses of Florida; *Memory Effects*, was published in 1999 by the Calhoun Press of Columbia College, Chicago. At the end of 2002 two poetry collections were published by Roald Hoffmann, “Soliton,” by Truman State University Press, and volume of selected poems translated into Spanish, “Catalista.”

In 1993 the Smithsonian Institution Press published *Chemistry Imagined*. A unique art/science/literature collaboration of Roald Hoffmann with artist Vivian Torrence, *Chemistry Imagined* reveals the creative and humanistic sparks of the molecular science. A Spanish translation will appear soon. In 1995, Columbia University Press published *The Same and Not the Same*, a thoughtful account of the dualities that lie under the surface of chemistry. There are German, Spanish, Korean, Chinese, and Russian editions of this book, which has won a number of awards. In 1997 W.H. Freeman published *Old Wine, New Flasks; Reflections on Science and Jewish Tradition*, by Roald Hoffmann and Shira Leibowitz Schmidt, a book of the intertwined voices of science and religion. This book will be translated into Italian and Spanish. Dr. Hoffmann is also the presenter of a television course, “The World of Chemistry”, aired on many PBS stations and abroad.

A play, *Oxygen*, by Carl Djerassi and Roald Hoffmann premiered in the U.S. at the San Diego Repertory Theatre in 2001, and had productions in London, East Lansing, MI, Madison, WI, Columbus, OH, Germany, Korea, Japan and Toronto. “Oxygen” has been translated into many languages.