



AIC Gold Medal
Award

Chemical Pioneer
Award

Student Awards

Ethic Awards

Gold Medal Awards:

The Gold Medal is The Institute's highest award. It is given annually to a person who has stimulated activities of service to the science of chemistry or the profession of chemist or chemical engineer in the United States of America. In recognition of their achievements, Gold Medallists are given Life Fellowship in The Institute.



Dr. Dudley Herschbach was awarded the 2011 American Institute of Chemists Gold Medal at the Chemical Heritage Foundation on April 7, 2011. Dr. Herschbach is the Frank B. Baird, Jr. Professor of Science, Emeritus, Harvard University and Professor of Physics and Chemistry, Texas A&M University. He shared the 1986 Nobel Prize in Chemistry with John Polanyi and Yuan T. Lee for their contributions to the dynamics of chemical elementary processes paving way for a better understanding of how chemical reactions take place. He has published more than 400 publications. He is a strong proponent of science education and science among the general public, and is engaged in several efforts to improve K-16 science education. Dr. Herschbach is a Fellow of the American Academy of Arts and Sciences, the National Academy of Sciences, and the American Philosophical Society. Besides the Nobel Prize, his awards include the National Medal of Science (1991), the Pure Chemistry Prize of the American Chemical Society (1965), the Linus Pauling Medal (1978), the Michael Polanyi Medal (1981),

the Irving Langmuir Prize of the American Physical Society (1983), the Nobel Prize in Chemistry (1986), jointly with Yuan T. Lee and John C. Polanyi, the Jaroslav Heyrovsky Medal (1992), the Sierra Nevada Distinguished Chemist Award (1993), the Kosolapoff Award of the ACS (1994), and the William Walker Prize (1994). The Chemical & Engineering News named him among the 75 leading contributors to the chemical enterprise in the past 75 years (1998). Dr. Herschbach received his B.S. degree in Mathematics (1954) and M.S. in Chemistry (1955) at Stanford University, followed by an A.M. degree in Physics (1956) and Ph.D. in Chemical Physics (1958) at Harvard University.