

Richard Zare

Born on 19 November, 1939 in Cleveland, Ohio, USA, Dr. Richard Zare is the Marguerite Blake Wilbur Professor in Natural Science, Stanford University. His research is in the area of laser chemistry, resulting in a greater understanding of chemical reactions at the molecular level and contributing very significantly to solving a variety of problems in chemical analysis. His development of laser induced fluorescence as a method for studying reaction dynamics has been widely adopted in other laboratories. Awards include the U.S. National Medal of Science (1983), the Welch Award in Chemistry (1999), the Wolf Prize in Chemistry (2005), the BBVA Foundation Frontiers of Knowledge Award in the Basic Sciences (2010), the ACS Priestley Medal (2010), and the King Faisal International Prize in Science (2011). His memberships include the National Academy of Sciences, the American Academy of Arts and Sciences, the American Philosophical Society, the Royal Society, the Swedish Royal Academy of Engineering Sciences, the Chinese Academy of Sciences, the Indian Academy of Sciences, and The World Academy of Sciences (TWAS) for developing countries.