

LE STUDIUM CONFERENCES



Prof. Dr. Mario J. Molina

Nobel Laureate in Chemistry and Distinguished Professor of Chemistry and Biochemistry.

He was awarded the 1995 Nobel Prize in Chemistry for his contributions to science of the ozone layer, in particular the roles of chlorofluorocarbons (CFCs) in ozone layer depletion. His many scientific discoveries, and the national and environmental policies it has helped shape, has contributed to the wellbeing of all humanity.

Under President Barack Obama, he was a member of the United States President's Council of Advisors on Science and Technology and named to form a transition team on environmental issues in 2008. On August 8, 2013, President Obama announced Molina as a recipient of the Presidential Medal of Freedom.

Molina won the 1987 Esselen Award of the Northeast section of the American Chemical Society, the 1988 Newcomb Cleveland Prize from the American Association for the Advancement of Science, the 1989 NASA Medal for Exceptional Scientific Advancement and the 1989 United Nations Environmental Programme Global 500 Award. In 1990, The Pew Charitable Trusts Scholars Program in Conservation and the Environment honored him as one of ten environmental scientists. He received the 1998 Willard Gibbs Award from the Chicago Section of the American Chemical Society and the 1998 American Chemical Society Prize for Creative Advances in Environment Technology and Science. In 2003, Molina received the 9th Annual Heinz Award in the Environment.

In addition to the above, Molina served on the board of trustees for Science Service, now known as Society for Science & the Public; is a member of the Pontifical Academy of Sciences; and served as a co-chair of the Vatican workshop and report *Well Under 2 Degrees Celsius: Fast Action Policies to Protect People and the Planet from Extreme Climate Change*. He was also elected to the National Academy of Sciences in 1993; to the United States Institute of Medicine in 1996; and to The National College of Mexico in 2003.

Molina established a non-profit organization, which opened the Mario Molina Center for Strategic Studies in Energy and the Environment (Centro Mario Molina para Estudios Estratégicos sobre Energía y Medio Ambiente) in Mexico City in 2005. Mario Molina serves as its director.

Molina has received over 30 honorary degrees, and Asteroid 9680 Molina is named in his honor.

His interests focus on the chemistry of the atmosphere and with the various ways in which human society can affect it. Currently, he is working to understand at a fundamental level the key atmospheric chemical processes that have important consequences, so that reliable predictions of future changes can be made. He is also exploring science-policy issues related to urban and regional air pollution and to global change.

Current roles include serving as the honorary co-chair of the American Chemical Society (ACS) Scholar Program, membership in the Society for the Advancement of Chicano and Native American Scientists, membership in the Mexican Academy of Sciences, and fellowship of the American Association for the Advancement of Science.

*Information from: https://www-chem.ucsd.edu/faculty/profiles/molina_mario_j.html;
<https://www.britannica.com/biography/Mario-Molina>