

Vicki Grassian

Distinguished Professor at UC San Diego

La Jolla, CA, US

Vicki Grassian is an expert on the chemistry and impacts of atmospheric aerosols, indoor surfaces and nanomaterials.

Biography

Grassian received her B.S. degree in chemistry from the State University of New York at Albany. From there, she did her graduate studies at Rensselaer Polytechnic Institute (M.S., 1982) and the University of California-Berkeley (Ph.D., 1987). Following postdoctoral positions, she began her independent academic career at the University of Iowa as an assistant professor. At Iowa, Grassian rose through the academic ranks and in 2010 was named the F. Wendell Miller Professor of Chemistry in the Department of Chemistry with appointments in the Departments of Chemical and Biochemical Engineering and Occupational and Environmental Health. She was also appointed the director of the newly formed Nanoscience and Nanotechnology Institute by the vice president for research, a position she held for a decade and directed the Nanotoxicology Core of the NIEHS-funded Environmental Health Sciences Research Center in the College of Public Health. In 2013, Grassian became co-director of the Center for Aerosol Impacts on Chemistry of the Environment, a multi-institutional NSF-Chemical Center of Innovation headquartered at the UC San Diego campus. In January 2016, she joined the faculty at UC San Diego as Distinguished Professor with appointments in the Departments of Chemistry and Biochemistry, Nanoengineering and Scripps Institution of Oceanography and holds the Distinguished Chair of Physical Chemistry within the Department of Chemistry and Biochemistry. In August 2016, she was appointed Associate Dean of Physical Sciences at UC San Diego.

Areas of Expertise

Atmospheric Aerosols, Aerosol Chemistry, Environmental and Health Effects of Nanomaterials, Indoor Air Chemistry

Education

University of California Berkeley
Ph.D. Chemistry

Rensselaer Polytechnic Institute
M.S. Chemistry

State University of New York at Albany
B.S. Chemistry

Accomplishments

Nichols Medal, American Chemical Society

The New York Section of the American Chemical Society awarded Grassian the 2019 Nichols Medal for "significant and original contributions in any field of chemistry."

The International Union of Pure and Applied Chemistry (IUPAC) 2019 Distinguished Women in Chemistry or Chemical Engineering Award

The awards program, initiated as part of the 2011 International Year of Chemistry celebrations, was created to acknowledge and promote the work of women chemists/chemical engineers worldwide. Grassian was one of 12 awardees selected based on excellence in basic or applied research, distinguished accomplishments in teaching or education, or demonstrated leadership or managerial excellence in the chemical sciences.

American Chemical Society National Award for Creative Advances in Environmental Science and Technology

2012

Fellow of the American Chemical Society

2011

Fellow of the American Physical Society

2018

Fellow of the American Association for the Advancement of Science

2005

2014 Midwest American Chemical Society Award

Grassian, named the 70th recipient of the American Chemical Society (ACS) Midwest Award while a professor at the University of Iowa, received the award for her exemplary contributions to chemistry, that span the areas of heterogeneous atmospheric chemistry and health and environmental implications of nanoscience and nanotechnology, for her outstanding teaching accomplishments and innovations, and for her exemplary mentoring, particularly of women.

2012 American Chemical Society National Award for Creative Advances in Environmental Science and Technology

Grassian was recognized for her use of laboratory techniques to understand particles and their impact on climate, the environment and health.

American Institute of Chemists Chemical Pioneer Award

2018

ACS-CEI Award for Incorporation of Sustainability into Chemistry Education

2018

Chartered Chemist ? Royal Society of Chemistry

2015

**UI Scholar of the Year Award, Office of VP for Research & Economic Development
2014**

**Royal Society of Chemistry John Jeyes Award
2014**

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