



## **Prof. George C. Schatz**

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**George C. Schatz** is the Morrison Professor of Chemistry at Northwestern University. He received his undergraduate degree at Clarkson University and Ph. D at Caltech. He was a postdoc at MIT, and has been at Northwestern since 1976. Schatz is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, and he has been Editor-in-Chief of the Journal of Physical Chemistry since 2005.

Schatz is a theoretician specializing in electronic structure methods, dynamical processes, electrodynamics, and statistical mechanics, who studies the optical, structural and thermal properties of nanomaterials, including plasmonic nanoparticles, catalysts, DNA and peptide self-assembled nanostructures, and carbon-based materials, with applications to chemical and biological sensing, electronic and biological materials, heterogeneous catalysis and solar energy.