

GALEN D. STUCKY

E. Khashoggi Industries, LLC Professor in Letters and Science
Department of Chemistry & Biochemistry, Materials Department, and Interdepartmental
Program in Biomolecular Science and Engineering
University of California, Santa Barbara, California 96106 USA
(805) 893-4872 office telephone; (805) 893-4120 fax; stucky@chem.ucsb.edu
research group website: www.chem.ucsb.edu/~stuckygroup/stuckygroup

EDUCATION

B.S. Chemistry and Physics, McPherson College, 1957
Ph.D. Physical Chemistry, Iowa State University (R. E. Rundle), 1962
Postdoctoral Fellow (Physics), Massachusetts Institute of Technology (C. G. Shull),
1962-63
National Science Foundation Postdoctoral Fellow, Quantum Chemistry Institute, 1963

ACADEMIC AND INDUSTRIAL POSITIONS

1964-80 University of Illinois, Assistant/Associate/Full Professor
1979-80 Sandia National Laboratory, Member of Technical Staff
1980-81 Sandia National Laboratory, Supervisor, Solid State Materials
1981-85 E. I. du Pont de Nemours & Co., Central Research and Development, Group
and Research Leader
1985-- University of California, Santa Barbara, Professor

CURRENT RESEARCH INTERESTS. Molecular assembly of nanoscale to macroscale
components of composite systems; the interface of inorganics with biomolecules and
the cardiovascular system; chemistry associated with the efficient utilization of
energy resources; gradient materials and interfaces; understanding Nature's routes to
organic/inorganic bioassembly

HONORS. Phi Lambda Upsilon and Alpha Chi Sigma Honorary Societies; Fellow,
American Association for the Advancement of Science (1994); Alexander von
Humboldt Senior US Scientist award (2000); American Chemical Society Award in
the Chemistry of Materials (2002); IBM Faculty Award (2003); IMMA (International
Mesostructured Materials Association) Award (2004); Fellow, American Academy of
Arts and Sciences (2005); ATACCC Award (2008); Nano Today Award (2011)

SCIENTIFIC ADVISORY BOARDS. Biosym, Inc. (1991-97), High Throughput
Experimentation GmbH (1998--), SBA Materials, Inc. (2001-2004), GRT Inc. (2002-
-); Institute of Bioengineering and Nanotechnology, Singapore (2004--), SiGNa
Chemistry (2008--), State Key Laboratory of Physical Chemistry of Solid Surfaces,
Xiamen (2009--), International Center for Materials Nanoarchitectonics, Japan
(2009--), The Molecular Foundry at Lawrence Berkeley National Laboratory (2006--
), Joint Center for Artificial Photosynthesis (2012--). Current Editorial Boards:
Chemical Communications, J. Crystal Engineering, Nano Letters

Over 730 publications, 28 U.S. patents: lists available on research group website