

KATJA LINDENBERG
Distinguished Professor of Chemistry

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BACKGROUND

1941-1956 Born (Quito) and raised (Guayaquil) in Ecuador

UNIVERSITY EDUCATION

1967 Ph.D. in Theoretical Physics, Cornell University
1965 M.S. in Theoretical Physics, Cornell University
1962 B.A. (magna cum laude) in Mathematics, Alfred University

PROFESSIONAL POSITIONS

1967-1969 Postdoctoral Fellow, Physics Department, Univ. of Rochester
1969-1970 Research Chemist and Physicist, UCSD
1970 - 2000 Assistant, Associate, Full Professor of Chemistry, UCSD
2000 - present Distinguished Professor of Chemistry, UCSD
1992 - 1996 Chair, Department of Chemistry and Biochemistry, UCSD
1986 - present Associate Director, Institute for Nonlinear Science, UCSD

SELECTED UC SYSTEMWIDE SERVICE POSITIONS

1988 - 1990 Chair, California Coordinating Committee for Nonlinear Science
1997-1999 Member of the Quinquennial Review Committee of UCCLR
(UC Committee on Latino Research)
1998 - 2001 Member of UC Task Force on founding of UC Merced
2000 - 2001 Member, University Committee on Committees
2002 - 2003 Member of Advisory Committee to the Regents Search Committee
for University of California President
2004 - 2007 Advisory Committee of UC MEXUS
2004-present Advisory Committee for Developing a Family Friendly Package for
Ladder-Rank Faculty at UC

SELECTED UCSD SERVICE POSITIONS

1987 - 1989 Vice Chair, Chair, Academic Senate
1989 - 1992 Member, Vice Chair, Chair, Academic Personnel
1992 - 1996 Chair, Department of Chemistry and Biochemistry
1999 - 2001 Member, Vice Chair, Chair, Committee on Committees
2002 - 2003 Co-Chair, Faculty Gender Equity Task Force
1985 - 2005 Sporadically Member and Chair, Privilege and Tenure
1991-1992 Chair, Task Force on Faculty Rewards

2002 - 2004 Member, Chair, Faculty Research Lecturer Committee
2000 - present Chem. and Biochem. Department Staffing Committee

MAJOR EXTERNAL SERVICE POSITIONS

1996 - 2000 Member, External Advisory Panel, Center for Advanced Studies
University of New Mexico (UNM)
2000 - present Member, Distinguished External Advisory Panel
Consortium for The Americas, UNM
1989 - 2002 Member, National Physical Science Fellowship Consortium
1989 - 1990 Member, Office of Naval Research Advisory Board
1990 - 1993 Member, Editorial Board, Journal of Statistical Physics
1990 - 1997 Member, Editorial Board, Journal of Biological Physics
1992-1995 Member, Chair, American Physical Society (APS), Fellowship
Committee, Chemical Physics
2000-2001 Member, APS Biological Physics Nominating Committee for officers
2002-2004 Member, Chair, APS American Biological Physics Prize Committee
2003-2004 Member, APS Group on Statistical and Nonlinear Physics
Nominating Committee for officers
2004 - present Executive Editor, Fluctuation and Noise Letters
2006-2009 - Member of the EPSRC Peer Review College

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Physical Society
American Chemical Society
American Association of University Professors
Association of Women in Science

SOME HONORS

1992 Fellow, American Physical Society
2000 Awarded title of Distinguished Professor at UCSD
2001 YWCA TWIN (Tribute to Women) San Diego Award
2005 UCSD Academic Senate Distinguished Teaching Award

RESEARCH INTERESTS

Nonequilibrium statistical mechanics, stochastic processes, nonlinear phenomena, noise-induced pattern formation, synchronization phenomena, dynamical processes in granular materials, energy localization in nonlinear arrays, transport phenomena, reaction-diffusion and reaction-subdiffusion processes.

DOCTORAL AND POSTDOCTORAL STUDENTS

A total of approximately 40, names provided upon request

PUBLICATIONS

List provided separately