

# CURRICULUM VITAE

## SANJOY BANERJEE

### PROFESSIONAL EXPERIENCE

1980- Professor, Chemical Engineering Department, University of California, Santa Barbara.  
1995- Professor, Mechanical Engineering Department, UC Santa Barbara (joint appointment).  
1984-89 Chairman, Chemical Engineering Department  
1989-90 Guest Professor, Swiss Federal Institute of Technology, Zurich (on sabbatical leave).  
1976-80 Westinghouse Professor, Engineering Physics Dept., McMaster University, Hamilton, Ontario.  
1979-81 Visiting Professor, Department of Nuclear Engineering, University of California, Berkeley.  
1968-76 Atomic Energy of Canada, Pinawa, Manitoba; ultimate position: Acting Director, Applied Science.

### HONORS AND AWARDS

2001 United Phosphorous Ltd Medal & Distinguished Lecturer, IICChem E  
2001 Honorary Fellow, IICChemE  
1999 Heat Transfer Memorial Award, American Society of Mechanical Engineers  
1997 Annual Guest Lecture, Council for Chemical Research, the Netherlands  
1996 Mitsubishi Visiting Chair, University of Tokyo, Japan, Fall Quarter  
1996 Burgers Visiting Chair in Fluid Mechanics, University of Delft, the Netherlands, Spring Quarter  
1992 Seymour Cray Prize (Italy), with two Italian collaborators  
1991 Danckwerts Memorial Lecture (Chem. Engr. Science/Institution of Chemical Engineers (London)).  
1988 Technical Achievement Award, Thermal Hydraulics Division - American Nuclear Society.  
1986 Neaman Lecturer, Israel Institute of Technology (TECHNION), December-January 1985/86.  
1983 Melville Medal (American Society of Mechanical Engineers). Given for the best current research in all fields of Mechanical Engineering.  
1983 Fellow, American Nuclear Society.  
1965-68 National Research Council of Canada, Graduate Fellow  
1965 P.C. Ray Award, II ChemE for Best B.S (ChemE) Thesis in India  
1960-65 Institute Merit Scholar (IIT)

### RECENT SPECIAL APPOINTMENTS

**International Editor:** Transactions Institution of Chemical Engineers-Series B (IChemE).  
**Associate Editor:** Journal of Fluids Engineering (ASME)  
**Member Editorial Boards:** International Journal of Multiphase Flow, Int. Series on Multiphase Technology, Nuclear Science and Engineering, Nuclear Engineering Design, Int. Journal of Heat and Technology.  
2002- Consultant, Advisory Committee on Nuclear Safeguards, U.S. Nuclear Regulatory Commission  
1995-99 USNRC Advanced Thermal Reactors Review Group  
1995-99 NASA Fluid Physics Review Group  
1994-96 Military Toxics Experts Group, Green Cross International  
1994 World Bank, Sustainable Development Consultant  
1994 UNDP-TOKTEN Project Consultant  
1992-94 NASA Review Panel: Fluid Physics Area  
1988 Member, USNRC Peer Review Group, ECCS/CSAU Methodology  
1984-86 U.S. National Academy of Sciences, Panel on Uranium Mill Tailings.

### ACADEMIC BACKGROUND

1968 Ph.D., Chemical Engineering, University of Waterloo, Canada 1965 (NRC Graduate Fellow)  
1965 B.S. Chemical Engineering (First in Class) IIT, Kharagpur, India (Institute Merit Scholar).