



Harvey G. Stenger  
President  
Binghamton University  
State University of New York  
4400 Vestal Parkway East  
Binghamton, NY 13902

Phone: (607) 777-2000

### University Experience

- 1/2012 to Present:** President, Binghamton University
- 4/2011 to 12/2011:** Interim Provost, University at Buffalo
- 8/2006 to 4/2011:** Dean, School of Engineering and Applied Sciences, University at Buffalo  
Professor of Chemical and Biological Engineering, University at Buffalo
- 1991 to 2006:** Professor of Chemical Engineering, Lehigh University
- 1993 to 1999:** Dean, College of Engineering and Applied Science, Lehigh University
- 1993:** Associate Dean, Engineering and Applied Science, Lehigh University
- 1991 to 1993:** Director, Environmental Studies Center, Lehigh University
- 1989 to 1991:** Co-Chairman, Dept. of Chemical Engineering, Lehigh University
- 1988 to 1991:** Associate Professor of Chemical Engineering, Lehigh University
- 1984 to 1988:** Assistant Professor of Chemical Engineering, Lehigh University

### Education

**Bachelor of Science**, Chemical Engineering, Cornell University, Ithaca, NY, May 1979, graduated with distinction

**Doctor of Science**, Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA, Dec. 1983, thesis: "Studies of the Slurry Reactor Fischer Tropsch Synthesis"

### Research Areas

Hydrogen Production, Selective Catalytic Reduction of Nitrogen Oxides, Mercury Reaction Pathways, Catalytic Destruction of Chlorinated Hydrocarbons, Fuel Cell Modeling and Optimization.

### **Teaching Areas**

Chemical Engineering Thermodynamics; Chemical Reactor Design; Engineering Computations and Numerical Methods; Process Design; Heterogeneous Catalysis; Unit Operations Lab I & II; Electronic Materials Lab; Semiconductor Materials Processing; Fundamentals of Air Pollution.

### **Professional Registration**

Professional Engineer, Commonwealth of Pennsylvania # PE-040757-E

### **Professional, University and Community Service**

2010 Chair, College of Arts and Sciences Dean Search Committee  
2009- University Representative to the Board of Directors, University at Buffalo Foundation  
2008 Chair, School of Management Dean Search Committee  
2006- Board of Directors, Buffalo-area Engineering Awareness for Minorities  
2006-10: Board of Directors, CUBRC, Inc.  
2004-06: Lehigh University Junior Varsity Hockey Coach  
2001-05: Board of Directors, Talbert Fuel Systems  
1997-99: Board of Directors, Ben Franklin Technology Center  
1997-99: Member Engineering Advisory Council, Drexel University  
1996-99:

**Grants and Contracts Received**

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- "Endothermic Fuels for Hypersonic Transport", \$6,000 January 1987 to October 1987, Sponsor: Advanced Fuels Research Hartford, Connecticut.
- "Cacao Alkalization Kinetics", \$132,000, July 1986 to June 1988. Sponsor: General Foods Inc.
- "Center of Excellence for Semiconductor Materials Processing", \$25,000, Sept 1985 to Aug 1986. Sponsor: AT&T and Ben Franklin Co-investigator Sid Butler.

### **Journal Publications**

1. "Effect of Carbon Formation on Liquid Viscosity and Performance of Fischer-Tropsch Bubble Column Reactors", Industrial Engineering Chemistry, Process Design and Development.

11. "Uniformity of Etch Rate in Plasma Etching Reactors", World Congress III of Chemical Engineering, Vol. I, (1986), 315, H.G. Stenger, Jr, R. Sellamuthu, J.A. Barkanic, and R.J. Jaccodine

26. "Co-impregnated Rh/Alumina 1. Preparation", J. Catalysis, 128, 34 (1991), H.G. Stenger, Jr, J.S. Hepburn and C.E. Lyman

27.

40.



53. “

### **Books**

“An Interactive Introduction to C++, Excel, Matlab, and Basic Engineering Numerical Methods v 1.1”, H.G. Stenger Jr. and Chuck Smith, ISBN