

## BIOGRAPHICAL SKETCHES

### A. WILLIAM C. STWALLEY

Current Position: Head, Department of Physics, Professor of Physics, Affiliate Professor of Chemistry and Director of the Connecticut Laser Facility, University of Connecticut

Education: B. S., Chemistry, California Institute of Technology, 1964; Ph.D., Physical Chemistry, Harvard University, 1969

#### Major Recent Professional Activities:

*a. Scientific*

i. Professional Societies

Fellow, American Physical Society, 1982-present

Fellow, Optical Society of America, 1988-present

Secretary/Treasurer, Division of Chemical Physics, American Physical Society, 1984-90

Vice Chair/Chair, Topical Group on Laser Science, American Physical Society, 1989-92

Meggers Award for Spectroscopy, Optical Society of America, 1998

ii. Journals

Editor, Laser Chemistry, 1985-1990

Editorial Advisory Board, Chemical Physics Letters, 1986-98

Editorial Advisory Board, Journal of Molecular Spectroscopy, 1982-87

Editorial Advisory Board, Physical Review A, 2000-02

iii. Conferences

Chairman, 1978-80, and Vice Chairman, 1976-78, Gordon Conference on Atomic and Molecular Interactions

Co-Chairman, Gordon Conference on Nonlinear Optics and Lasers, 1977-79

Co-Founder and Program Chair, International Laser Science Conference (ILS), 1984-85; Co-Chair, 1985-86; Chair, 1986-87; Administrative Vice-Chair, 1987-92

Member, Joint Council on Quantum Electronics and International Council on Quantum Electronics, 1988-90, 1993-96, 2000-03 (Chair ICQE, 2000-02)

*b. Governmental*

Associate Program Director for Quantum Chemistry, National Science Foundation, 1975-76

Member (past Chair) National Research Council Committee on Atomic, Molecular and Optical Science, 1979-82, 1990-91, 1992-96

Member, Army Research Office Chemistry Advisory Committee, National Academy of Sciences/National Research Council, 1981-84

Member, Air Force Office of Scientific Research Chemistry Evaluation Panel, 1983-86

Chairman, Air Force Evaluation Panel on High Energy Density Materials, National Academy of

Sciences/National Research Council, 1985-92

Member, Air Force Steering Committee on High Energy Density Materials, 1992-96

Member, Review Panel, Ontario Laser and Lightwave Research Centre, 1993-96

Member (Chair), Health Sciences Research Division Panel, Oak Ridge National Laboratory, 1993-97

Member, International Assessors Committee for Review of Canadian Physics Research, and Chair, Subcommittee on General Physics 1997

Chancellor's Research Excellence Award, University of Connecticut, 1999

**C. Undergraduate research collaborators** (since 1985): Ted L. Bahns, Tom Bahns, Alice K. Fletcher, Kim Foltz, Chip Hallett, Ron Hammer, Tom Hess, Jeffrey S. Lille, Erik Meierdierks, Braden Neiman, Scott Peterson, Kelly Poort, Rich Rattay, Adel Younoszai, Vernon Simmons, Tito Robinson, Emily Fort, George Ofori-Boadu, Keisha Rhines, Melanie Kittle

**Senior Collaborators** (last 48 months): L. Li, A. M. Lyyra, W. T. Zemke, J. T. Bahns, H. Wang, A. Yiannopoulou, K. Urbanski, G. H. Jeung, P. S. Julienne, P. L. Gould, C. J. Williams, C. Amiot, L. Lynds, S. Bililign, A. Dalgarno, R. Côté, C. Greene, E. S. Chang

**D. Graduate Students/Postdoctoral Scholars** (last 5 years): C. C. Tsai, T. B. Colin, L. N. Ding, B. Ji, J. T. Kim, X. T. Wang, G. Zhao, P. S. Erdman, J. Li, M. Pichler, H. Chen, W. Zamorano-Santander, J. Qi

**E. Graduate Advisor:** D. R. Herschbach; **Postdoctoral Advisor:** none