

DONNAJEAN ANDERSON FREDEEN
Dean, School of Arts & Sciences
Southern Connecticut State University
Summary of Career Experience

History of Professional Positions

2001-present University	Dean, School of Arts & Sciences, Southern Connecticut State University
1998-2001	Interim Dean, School of Arts & Sciences, Southern Connecticut State University
1992 – 1998 University	Chair, Department of Chemistry, Southern Connecticut State University
1987-1998	Faculty, Department of Chemistry, Southern Connecticut State University
1986-87	Assistant Professor, Department of Chemistry, University of Bridgeport

Selected Presentations

Creating a SENCER Culture on Campus: Advice for Deans and Department Chairs (*SENCER National Institute August 6, 2007, Portland, ME.*)

A Study of the Leadership Frames Employed by Senior Women Administrators in Higher Education (*Oxford Round Table, Women in Leadership, August 8, 2006; Oxford, England*)

Crossing the Boundaries, Making the Connections: Curricular Pathways Found in the Northeast (*AAC&U National Meeting, January 2007, Washington, D.C.*)

SENCER (Science Education for a New Civic Engagement and Responsibility) Perspectives: A Panel Discussion – Administrative Perspective (*invited participation at SENCER 2005 New England Symposium; November 11, 2005; Springfield, MA.*)

Navigating Rugged Terrain as a Nation Goes to College: Challenges Faced by Regional Public Institutions (*invited speaker, West Texas A&M University, April 25, 2005, Amarillo, TX.*)

Navigating a Career in the Academy (*invited speaker, Women in Science and Engineering Conference, Texas A&M University, February 19, 2005, College Station, TX.*)

Deanly Wisdom from Unlikely Sources: Pooh and CCAS – in which it is proven that Pooh Bear is a Very Wise Dean Indeed! (*Presented at the Council of Colleges of Arts & Sciences Annual Meeting; November 2004, San Antonio, TX.*)

The Evolution of Collaboration at Southern Connecticut State University: (presented at *Collaboration in Teacher Preparation: Partnerships Between Colleges of Education and Colleges of Arts and Sciences that Work!*, sponsored by the Council of Colleges of Arts & Sciences, September 16 – 18, 2004, Denver, CO.)

Women Scientist in Academe: The Road to Promotion and Tenure. (*presented at the Connecticut Chapter of American Women in Science, December 1999 meeting, New Haven, CT.*)

In Search of Contributions from Women Scientist. (*presented at the SCSU Women's Studies Conference, October 1993, New Haven, CT.*)

Related Activities, Selected Workshops and Conferences

National Science Foundation Panel Reviewer: GK-12 Fellowship Program; August 2005.

National Science Foundation and Association of American Colleges & Universities: Science Education for New Civic Engagement and Renewal (SENCER): August 5-10, 2005

National Science Foundation and Association of American Colleges & Universities: Science Education for New Civic Engagement and Renewal (SENCER): August 6 – 11, 2004

Harvard Institute for Higher Education: Management and Leadership in Education Institute; June 20 – July 2, 2004.

NSF Panel Reviewer: Instructional Materials Development; October 28 – 30, 2001

Lead Scientist Institute; sponsored by the American Physical Society; January 2001

Partners in Academic Leadership: Faculty, Chair, and Dean Collaboration; sponsored by AAC&U; September 30 – October 2, 2000; Toronto, Canada

Collaboration in Teacher Preparation: Partnerships Between Colleges of Education and Colleges of Arts and Sciences that Work!"; co-sponsored by the Council of Colleges of Arts & Sciences and the American Association of Colleges for Teacher Education. Sept. 2000.

Elias Howe Research Proposals, panel reviewer, Connecticut Innovations Inc.; 1990, 1994, 1995, Rocky Hill, CT

Publications

Student Study Guide, 1st - 3rd Edition to accompany the General Chemistry text Chemistry (McMurry-Fay); Prentice Hall, Englewood Cliffs, NJ; 2000

Structure-Reactivity Relationships for Ionic Transition Metal Carbonyl Cluster Fragments. D. H. Russell, D. A. Fredeen, R. E. Tecklenberg, "Gas Phase Inorganic Chemistry"; D. H. Russell, ed.; Plenum Publishing Corporation; 1989.

Formation of Ionic Transition Metal Carbonyl Cluster Fragments by Ion-Molecule Reactions. III. The Heteronuclear Systems. DonnaJean Anderson Fredeen and David H. Russell. (J. Am. Chem. Soc., 1987, 109, 3903.)

Formation of Ionic Transition Metal Carbonyl Cluster Fragments by Ion-Molecule Reactions. II. The Co(CO)₃(NO) and Ni(CO)₄ Systems. DonnaJean Anderson Fredeen and David H. Russell. (J. Am. Chem. Soc., 1986, 108, 1860.)

Formation of Ionic Transition Metal Carbonyl Cluster Fragments by Ion-Molecule Reactions. I. The Cr(CO)₆ and Fe(CO)₅ Systems. DonnaJean Anderson Fredeen and David H. Russell. (J. Am. Chem. Soc., 1985, 107, 3762.)

Professional Activities

Elementary School Outreach Workshops – Stepney Elementary, Monroe, CT: Crime Lab Chemistry; a workshop presented at "Discover Your World" night to 3rd and 4th grade children exploring the technique and application of paper chromatography; 2001; Rainbow Bottles, Butterflies, and Miscible Solutions; a workshop presented to Mrs. Ligouri's 1st grade class, 2000; Iron It Out; a workshop presented at "Discover Your World" nights to 3rd and 4th grade children exploring the chemistry of ferrous and ferric salt solutions, 2000; Professor Fredeen's Wonderful, Magical, Smelly Purple Potion, a workshop presented to elementary and preschool children, various locations throughout Connecticut; 1998-2001.

Chemistry in the Crime Lab; Multiply Your Options Workshop; presented as a part of the "Proficiency in the Mastery of Mathematics and Science" program, May 1990-1995; Sacred Heart University, Bridgeport, CT.

The Analysis of Commercial Aspirin Samples; presented to Hill House High School chemistry students with Dr. Ronald Panicci, May 1991, SCSU

A Cooperative Approach to Monitoring Environmental Contaminants in New Haven Harbor; Chemistry department liaison to a cooperative program between the New Haven Sound School and SCSU in which high school students were exposed to the sampling and analytical techniques needed to characterize the composition of New Haven Harbor. This program was funded by a \$30,000 grant from the Connecticut Department of Environmental Protection.

Education

1981-86		Ph.D. Chemistry, 1986	Texas A&M
University,	College Station, TX		
1977-81		B. A. Chemistry, 1981	McMurry College
	Abilene, TX		