

SHARON K. HAHS

EDUCATION

Ph.D.	Inorganic Chemistry Dissertation: <i>Syntheses and Characterizations of Vanadyl(IV) Complexes with Dihydroxydicarboxylate Ligands</i>	University of New Mexico	1974
M.S.	Inorganic Chemistry	University of New Mexico	1972
B.A.	Chemistry	Illinois Wesleyan University	1970

POSITIONS HELD

2000-present	Southern Illinois University Edwardsville, Edwardsville, IL Provost and Vice Chancellor for Academic Affairs, and Professor of Chemistry; beginning July 2006, Director of SIUE Special Projects
1995–2000	Southern Illinois University Edwardsville, Edwardsville, IL Dean, College of Arts and Sciences, and Professor of Chemistry
(9/97–8/98)	Acting Provost and Vice Chancellor for Academic Affairs
1984-1994	University of South Carolina at Spartanburg, Spartanburg, SC Dean, School of Humanities and Sciences, and Professor of Chemistry
1974-1984	Metropolitan State College, Denver, CO Teaching: Assistant, Associate and Professor of Chemistry (Joint appointment in Chemistry at the University of Colorado at Denver for graduate teaching in 1979-84) Administration: Special Assistant to the Vice President for Academic Affairs (1982-83); Acting Chair, Department of Chemistry (12/80-6/81)

ADMINISTRATIVE EXPERIENCE

Provost and Vice Chancellor for Academic Affairs, SIUE (2000-present): Southern Illinois University Edwardsville is a comprehensive university with a full-time faculty of 600 serving over 13,500 undergraduate, masters and professional students. In addition to its 2660 acre campus, it includes a Center in East St. Louis, a School of Dental Medicine in Alton, and a School of Nursing site in Springfield. SIUE provides forty-three baccalaureate degree programs, and sixty-three graduate and professional programs, including the Doctor of Dental Medicine and the Doctor of Pharmacy. The chief academic officer is responsible for the administration of instruction, research and public service programs and a budget of seventy million dollars in state funds and forty million dollars in grants and local funds. Seventeen individuals report directly to the Provost: Nine College and School Deans, the Associate Provost and two Assistant Provosts, the Assistant Vice Chancellor for Enrollment Management, and the directors of Continuing Education, Institutional Research, the East St. Louis Center and the National Corn-to-Ethanol Research Center.

Special accomplishments:

- implementation of the Academic Quality Improvement Program (AQIP) as the process for reaffirmation of Higher Learning Commission accreditation;
- design and facilitation of a two-year strategic planning process for the campus, resulting in new guiding statements and an on-going focus on addressing and measuring progress on the Long-term Goals; execution of planning process to support FTE student enrollment growth of 15% over five years;
- primary responsibility for the development of the new School of Pharmacy; implementation of eight additional degree programs and sixteen specializations and certificate programs;
- emphasis on faculty and staff development including the introduction of a paid two-week New Faculty Orientation program, presentation of workshops on SIUE promotion and tenure, and creation of campus-wide training for new department chairs;
- implementation of the Teaching, Learning and Technology Roundtable (October 2000-February 2002);
- oversight of the hiring of 253 full-time faculty, including 132 women, thirty-one minority and seventeen international faculty for the academic years of 2001-02, through 2005-2006;
- provision of \$425,000 additional student financial aid on a recurring basis;
- creation and development of a dynamic leadership team, including the hiring of six deans, two directors, and an assistant provost;
- provision of 27 additional tenure-track faculty positions during an era of shrinking state allocations;

- critical contribution to SIUE receiving its first endowed professorship; key role in creating system of development director positions; charter member of the Meridian Society;
- oversight of the Objectives Project and BRIDGE Project to reform SIUE's General Education program;
- co-chair, with the Vice Chancellor for Administration, of the Steering Committee to implement SCT Banner Student Information System, a four million dollar project.

Dean, College of Arts and Sciences, SIUE (1995-2000): The College of Arts and Sciences provides most of the general education for all SIUE students and offers fifty-eight degree programs; it generates approximately 60% of the student credit hours and 40% of the graduates. The College consists of nineteen academic departments and eight additional units, including campus-wide services of academic advising and coursework for academic development. I had responsibility for hiring; the evaluation of 270 full-time and 50-75 part-time faculty, 110 professional and civil service staff; salary, promotion and tenure recommendations; and administration of a budget of over eighteen million dollars.

The College of Arts and Sciences was created July 1, 1995 by the consolidation of four academic schools and several other units. I assumed the deanship in January 1995 to guide the transition. I was responsible for the oversight and creation of all policies, operating procedures, and administrative structure. I also served on a variety of institution-wide committees, including the University Planning and Budget Council, and chaired the SIU Presidential Search Advisory Committee (1999-2000).

Special accomplishments:

- guiding the creation by the College membership of the *CAS Statement of Desired Characteristics and Capabilities of Graduates*;
- completion of core policies and procedures;
- emphasis on faculty and staff development including a year-long orientation for first-year faculty;
- hiring of ninety-four tenure-track faculty, including forty-four women, eighteen minority faculty, and five international faculty;
- establishing traditions of connections, collaborative processes, and interdisciplinary research and teaching;
- initiation of the Criminal Justice degree program which was approved in 2000;
- implementation of the Master of Social Work degree through candidacy status; it is now fully accredited;

- hiring of the first development officer for CAS and raising \$90,000 for the instructional greenhouse;
- receipt of an overwhelmingly positive Four-Year Review of my performance (1998-1999).

Dean, School of Humanities and Sciences, USCS (1984-1994): The University of South Carolina at Spartanburg (now called University of South Carolina Upstate) is a public baccalaureate institution of approximately 5,000 students. During my tenure at USCS, the School of Humanities and Sciences provided general education for all USCS students and offered fourteen degree programs; it generated 70% of campus FTE and 40% of the graduates. I had responsibility for hiring; the evaluation of 88 full-time and 25-45 part-time faculty; salary, promotion and tenure recommendations; and administration of a budget of over five million dollars. I also served on a variety of campus-wide committees as well as the USC System Research Advisory Committee (1984-1994).

Special accomplishments:

- planning and implementation of six new degree programs;
- completion of thirteen successful external program reviews by the South Carolina Commission on Higher Education;
- development and implementation of a well-received five-year salary adjustment plan to bring faculty salaries in line with those at comparable South Carolina institutions;
- implementation of an extensive, participatory strategic planning process for the School;
- hiring of fifty-three faculty including twenty-three women (four of whom were the first in their discipline at USCS), six minority faculty, and five international faculty;
- design and construction of science and fine arts buildings;
- creation of a professional development program for faculty.

Special Assistant to the Vice President for Academic Affairs, MSC(1982-83): Metropolitan State College is a public baccalaureate institution of approximately 10,000 students. I had responsibility for program review, curriculum, personnel concerns, inter-institutional concerns, planning, restructuring of Academic Affairs, budget process, improvements in Academic Improvement Center and Academic Advising and Resource Center; also, participation in preparation of document on compensation administration at Consortium of State Colleges office and presentation to Board of Trustees; brief training period in Business Affairs at MSC.

Acting Chair, Department of Chemistry, MSC(12/80-6/81): Evaluation of probationary faculty, hiring of part-time and regular faculty, long range needs, advising and budget.

RECENT PROFESSIONAL AND PUBLIC SERVICE ACTIVITIES

Presentations for the American Association of State Colleges and Universities, Winter Meetings for Chief Academic Officers:

- “Hiring Deans to Match the Culture,” February 6, 2006.
- “Improving Student Learning Through Senior Assignment and NSSE,” February 7, 2005.
- “Managing with Data,” February 10, 2004.
- “Navigating the Politics of Accountability,” February 8, 2003.

Co-Project Director, “Assay Development for a Biosensor to Minimize Antibiotic Use in Corn-to-Ethanol Manufacturing.” National Science Foundation, June 2005-December 2008, \$600,000.

National Selection Panel for University of Arkansas at Little Rock Faculty Excellence Awards, Spring 2005, Spring 2006.

“Educational Resources for Economic Development,” February 26, 2002; and “Partners in Marketing,” October 24, 2000, The Alliance of Edwardsville and Glen Carbon.

“The Strongest Link: New Faculty Orientation Can Help Anchor the Scholarship of Teaching,” with Cathy Santanello and Doug Eder, American Association of Higher Education Faculty Roles and Rewards Conference, January 26, 2002.

“Chasing the Sun,” invited presentation for the Illinois Section of the American Association of Physics Teachers, with Billy Hahs, October 13, 2000, and “Total Solar Eclipses in Asia: Mongolia and Thailand,” Illinois Geography Association Summer Geography Institute, June 27, 1997, July 17, 1998, and July 2, 1999.

Council of Colleges of Arts and Sciences (CCAS), developed and taught Planning and Budget sections of two-day Seminar for New Deans, summers 1997, 1998.

CCAS national meetings: Deans Clinic: Human Values and Decision Strategies with Tough Cases, chair, 1990, 1991, 1997, panelist, 1992; Problems and Challenges for Arts and Sciences Deans, panelist, 1992; Case Studies, session leader, 1993; New Deans Workshop, panelist, 1998; Program Committee, 1997, 2000; Committee on Metropolitan/Urban Universities, chair, 1999, 2000; Committee on Internationalization of the Curriculum, 1996; Nominating Committee, 1995.

SIUE Delegation to Costa Rica: Led delegation to negotiate agreement with the Ministry of the Environment and Energy for faculty and student research and service activities, July 8-17, 2005.

SIUE Delegation to the University of Ibadan, Ibadan, Nigeria: Led delegation to facilitate faculty and staff exchanges, March 2-11, 2005.

SIU Delegation to Cuba to explore faculty and student exchanges, February 16-21, 2001.

SELECTED CONFERENCES AND SEMINARS

American Association of State Colleges and Universities, Winter Meetings for Chief Academic Officers:

Rising Expectations, Charleston, SC, February 4-7, 2006.

Rethinking the Enterprise, San Diego, CA, February 5-8, 2005.

Embracing Change: Universities in a New Era, Tampa, FL, February 8-10, 2004.

The Changing Face of Higher Education: Preparing a New Generation of College Students, Pt. Clear, AL, February 6-9, 2003.

Leadership in an Age of Accountability, San Antonio, TX, February 7-10, 2002.

The Higher Learning Commission of the North Central Association of Colleges and Schools, Becoming a Learning-Focused Organization: Conversations and Commitments, 110th Annual Meeting, Chicago, IL, April 8-12, 2005.

The Higher Learning Commission of the North Central Association of Colleges and Schools, Academic Quality Improvement Program (AQIP) Strategy Forum, SIUE Team Member, Lisle, IL, October 13-16, 2004; and Strategy Forum, SIUE Team Member, Phoenix, AZ, February 7-10, 2001.

Coalition of Urban and Metropolitan Universities, 10th Annual Conference, Urban and Metropolitan America—The New Realities, New York, NY, October 2-5, 2004; 9th Annual Conference, Metropolitan Universities: Partners in the Urban Agenda, Ypsilanti, MI, September 21-23, 2003; 8th Annual Conference, Creating Dialogue: The Role of Urban and Metropolitan Universities in Fostering a Civil Society, Vancouver, Canada, October 6-8, 2002.

P-20 Education Summit for Southern Illinois, sponsored by SIUE and SIUC, Rend Lake, IL, October 31, 2003, and October 8, 2004.

American Association of Colleges of Pharmacy, New Schools Conference, September 7-10, 2002; Annual Meeting, Kansas City, MO, July 13-15, 2002.

American Association of Higher Education, Faculty Roles and Rewards, Phoenix, AZ, January 25-27, 2002.

American Council on Education, Educating All of One Nation, SIUE team member, Cincinnati, OH, October 18-20, 2001; Developing Women Leaders for the New Millennium, October 20, 2001; National Network of Women Leaders in Higher Education, Senior Seminar, Chicago, IL, October 24-25, 1996.

Harvard Institutes of Higher Education, Class of 2001 Institute for Educational Management, July 15-27, 2001; Class of 1992 Management Development Program, June 21-July 3, 1992; seven Alumni Seminars 1995-2002.

National Conference on Teacher Quality, SIUE team member, U. S. Department of Education, Washington, D.C., January 9-10, 2000.

Council of Colleges of Arts and Sciences (CCAS): National conferences, 1984-1999.

Council for Advancement and Support of Education, Major Gift Fund Raising for Deans, February 10-12, 1999.

COMMUNITY ENGAGEMENT

FOCUS St. Louis, 1997-present. What's Right with the Region Selection Committee, Spring 2005, Spring 2003, and Spring 2001; Community Impact Committee, 1998-2000.

United Way, Southwestern Illinois Division Board, 2004–present.

The Meridian Society, a university philanthropic organization, 2003-present.

Madison County Urban League, 2002-present.

Southern Illinois University Edwardsville University Park, Board member, 2000-present; Secretary, 2004–present.

SIU Paul Simon Public Policy Institute, Regional Advisory Board member, 1999-present.

Arts and Education Council of Greater St. Louis, Board member, 1997-2000. Allocations Committee, 1997-2000.

Leadership St. Louis, Class of 1997-98.

MEMBERSHIPS

Sigma Xi, The Scientific Research Society, 1996-present.

The Honor Society of Phi Kappa Phi, 1996-present.

American Chemical Society, 1974-present.

Illinois Academy of Science, 1995-present.

South Carolina Academy of Science, life member (since 1984): Council member, 1985-1994; vice-president, 1990; president-elect and program chair, 1991; president, 1992.

TEACHING AND SCHOLARSHIP

Like most academic administrators, I began my career as a teacher. I have always enjoyed teaching. I taught a wide range of general chemistry, quantitative analysis and inorganic chemistry courses at Metropolitan State College in Denver. As I progressed through the ranks, I also developed courses in the history of science and critical reasoning. During my years as dean in South Carolina I taught one class every term. At SIUE I have guest lectured in various disciplines, and, although administrators rarely teach at SIUE, I requested and taught introductory chemistry in the fall of 1999. Beyond content goals for each course, I strive to develop my students' critical reasoning skills, to increase their responsibility for their own learning, and to encourage their development as life-long learners. The student response to my teaching has been excellent, and my student evaluations have consistently been very positive.

My scholarly interests have tracked my academic career. As a graduate student and young teacher, my scholarship focused on traditional research. I have published in the leading journal in my field; my research work is listed below. As I came to focus on teaching at an undergraduate institution, my scholarly work shifted to chemistry education and to broader issues in science education. I developed expertise in educational theory and pedagogy and contributed to a wide range of science education activities. My scholarly work in this area is also listed below. As I moved from the lab and classroom to full-time administration, my scholarly activities came to focus on issues in higher education. I actively participate in national organizations devoted to these issues; formal presentations and other activities are summarized in this resume under Recent Professional and Public Service Activities.

RESEARCH PUBLICATIONS AND PRESENTATIONS

"Preparation, Characterization, and Stereochemistry of Binuclear Vanadyl(IV) Monomethyl- and Dimethyltartrate(4-) Complexes and the Crystal Structure of Tetrasodium [(+)-Dimethyltartrato(4-)]-[-(-)-dimethyltartrato(4-)]bis-(oxovanadate(IV)) Dodecahydrate," Sharon K. Hahs, Richard B. Ortega, Robert E. Tapscott, Charles F. Campana, and Bruno Morosin, *Inorganic Chemistry*, 21, 664, 1982.

Aqueous Solution Equilibrium Studies on Vanadyl(IV) Tartrate Complexes, Sharon K. Hahs and Robert E. Tapscott, 30th Annual Southwest Regional Meeting of the American Chemical Society, Houston, TX, December 1974.

Syntheses and Characterizations of Vanadyl(IV) Complexes with Dihydroxydicarboxylate Ligands, Sharon K. Hahs and Robert E. Tapscott, Second Rocky Mountain Regional Meeting of the American Chemical Society, Houston, TX, December 1974.

"Absolute Configurations of Some Tartaric Acid Derivatives Determined by a Key-Lock Complexation Method," Sharon K. Hahs and Robert E. Tapscott, *Journal of the Chemical Society, Chemical Communications*, 791, 1974.

Triplet State EPR Spectra of Some New Vanadyl(IV) Binuclear Complexes, W.F. Coleman, Sharon K. Hahs, M. E. McIlvain, and Robert E. Tapscott, 30th Annual Southwest Regional Meeting of the American Chemical Society, Houston, TX, December 1974.

SCIENCE EDUCATION PUBLICATIONS AND PRESENTATIONS

Thinking Skills for the Technologies, Sharon K. Hahs, 17th Annual South Carolina Science Council Convention, November 6, 1992.

Piaget and Field Dependence/Independence in Chemistry, Sharon K. Hahs, Second National Conference on Reasoning, Piaget and Higher Education, Denver, CO, April 17, 1981.

Math and Science Training Module (U.S. Office of Education), James Deck, Sr. Grace Flickinger, Sharon Hahs, Cleopatria Martinez de Wilkins, University of Colorado Press, Boulder, CO, 1980.

The Concrete Learner in the Classroom, Joann Kurfiss and Sharon Hahs, Association of Educational Communications in Technology, National Convention, Denver, CO, April 24, 1980.

Learning Cycles in Chemistry, Sharon K. Hahs, and *Piaget and Curriculum*, Sharon K. Hahs, panel member, First National Conference on Reasoning, Piaget and Higher Education, Denver, CO, April 10, 1980.

"A New Marking Scale," Sharon K. Hahs, *The Science Teacher*, September 1979; *The Crucible*, Spring, 1980.

"Visiting Women Scientists Program," Sharon K. Hahs, *American Chemical Society Women Chemists Committee Newsletter*, Spring 1979.

Chemcycles (national newsletter for exchange of learning cycles and information in chemistry), Sharon K. Hahs, editor, 1978-1980.

A Practical Non-Technical Approach to Video Taping (paper) and *Video Lessons Made Easy* (video tape), Sharon K. Hahs, Fifth Biennial Conference on Chemical Education, Fort Collins, CO, July 1978.

Five-Year Overview of Self-Paced Introductory Chemistry at Metropolitan State College, Sharon K. Hahs, Fourth Rocky Mountain Regional Meeting of the American Chemical Society, Boulder, CO, June 1978.

"Polarimeter for an Overhead Projector," Forrest J. Frank and Sharon M. Kidwell (maiden name), *Journal of Chemical Education*, January 1969.