

ROYCE C. ENGSTROM

CURRICULUM VITAE

April, 2010

Current Position and Contact Information:

Provost and Vice President for Academic Affairs
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Personal Information:

Spouse: Mary Engstrom
Children: Tyler and Carey
Civic memberships: Missoula Rotary Club

Formal Higher Education:

<u>Institution</u>	<u>Specialization</u>	<u>Degree</u>	<u>Year</u>
University of Wisconsin, Madison	Analytical Chemistry	Ph.D.	1979
University of Nebraska, Omaha	Chemistry	B.S.	1975

Additional Education and Short Courses:

American Assn. of Colleges & Univ.	Millennium Leadership Initiative 2008
American Council on Education	Seeking the Presidency 2007
Yellowstone National Park	Politics of the Yellowstone Ecosystem 2006
	American Democracy Project of American Assn. of State Colleges and Universities (One-week)
Harvard University	Institutional Executive Management 2005 (Two-week course)
McCrone Institute, Chicago	Chemical Microscopy (One week) 1995

Positions Held and Principal Accomplishments: (None of these accomplishments were carried out individually, but always with the collaboration and hard work of numerous others.)

Provost and Vice President for Academic Affairs
The University of Montana, Missoula 2007- present

- Oversaw the development and initial implementation of an Academic Strategic Plan
- Led the ten-year accreditation process by the Northwest Commission on Colleges and Universities

- Overhauled the Academic Affairs budgeting process with connections to strategic planning
- Established an Annual Assessment Report for the campus
- Participated in the development of *Partnering for Student Success*, a comprehensive plan to improve retention and graduation rates
- Improved communications between faculty, staff, and administration
- Oversaw numerous curriculum innovations at the graduate, undergraduate, and two-year levels
- Assumed Chairmanship of the Association of Public and Land-grant Universities (APLU) Committee on Undergraduate Education
- Recognized by ASUM as the Barbara Hollman Administrator of the Year 2008
- Chaired the Campus Development Committee to establish fund-raising priorities

Provost and Vice President for Academic Affairs

The University of South Dakota 2004-2007 and Interim 2002

- Led the design and implementation of the Interdisciplinary Education and Action (IdEA) Program as a significant undergraduate curriculum reform
- Oversaw a significant expansion of Ph.D. level programming including Chemistry, Political Science and an MD/Ph.D.
- Catalyzed the development of major research centers in Chemistry and Biomedical Engineering
- Assumed a leadership role in the development of a university-wide strategic plan
- Established the position of Chief Diversity Officer for the university and hired the first incumbent

Regents Fellow (temporary assignment)

South Dakota Board of Regents 2003-04

- Developed a state-wide Research Centers Initiative with major funding from the South Dakota Legislature, resulting in five centers throughout the state
- Developed a Ph.D. program initiative with major funding from the Legislature, resulting in five new Ph.D. programs in the state
- Established the position of a System Vice President for Research which catalyzed major research growth for the state

Vice President for Research and Dean of the Graduate School

The University of South Dakota 1997-2001

- Oversaw the nearly three-fold growth in funded research
- Established a research compliance effort including human subjects, animal welfare, chemical and radiation safety consistent with a doctoral-research institution
- Helped to establish the South Dakota Health Research Foundation with a major medical center, serving as the initial Executive Director. This effort has since evolved into Sanford Research and is a major biomedical research center in the Midwest
- Served for six years as the South Dakota Director for EPSCoR, and served as Chair of the National EPSCoR Foundation and the National EPSCoR Coalition
- Co-chaired the faculty-staff portion of a major fund-raising campaign

Chair, Department of Chemistry

The University of South Dakota 1984-95

- Hired nearly an entirely new faculty over eleven years

- Converted the department into a significant research unit engaged in federal funding
- Oversaw curricular changes at the undergraduate and graduate level to improve the quality and scope of education

Faculty Member in Chemistry

The University of South Dakota and The University of Montana 1979 – present

- For approximately twenty years (until engaging in “central” administration) taught in the areas of general chemistry, analytical chemistry, and environmental chemistry at the undergraduate and graduate levels, receiving the institution’s highest award for teaching excellence
- Maintained a research program that was externally funded by federal and private agencies, publishing approximately 35 peer-reviewed papers, mentoring well over 100 hundred students (graduate, undergraduate, high school, post-doctoral, and visiting professors)
- Participated actively in the profession as a reviewer and as a member of numerous professional organizations including the American Chemical Society Committee on Professional Training (the national “accreditation” committee)
- Served as President of the national organization, the Council on Undergraduate Research

Honorary Societies:

- Phi Kappa Phi, inducted 2008
- Omicron Delta Kappa, 1996
- Phi Beta Kappa, 1988
- Phi Eta Sigma, 1972
- Sigma Xi 1979

Examples of Publications:

- “The Changing Face of Montana Higher Education,” R. C. Engstrom, *Montana’s Agenda*, **2009**, 7, 1.
- “Retracing the Lewis and Clark Expedition: An Interdisciplinary Undergraduate Research Program at the University of South Dakota,” S.E. Ronco, R.C. Engstrom, *CUR Quarterly*, **2000**, 21, 17.
- "Effect of Sample Size on Sampling Error: An Experiment for Introductory Analytical Chemistry," J.E. Vitt, R.C. Engstrom, *J. Chem. Ed.*, **1999**, 76, 99.
- "Microelectrode Control of Surface-Bound Enzymatic Activity," J.C. O'Brien, J. Shumaker-Parry, R.C. Engstrom, *Anal. Chem.*, **1998**, 70, 1307.
- "*In-Situ* AFM Study of the Differential Dissolution of Fayalite and Magnetite," J.S. Heaton and R.C. Engstrom, *Environ. Sci. Tech.*, **1994**, 28, 1747.

A complete academic curriculum vitae, indicating all publications, grants, professional activities, student advisees, memberships, and details of appointments is available upon request.