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Education

Ph.D. Yale University, Molecular Biophysics and Biochemistry, 1984
M.S. University of Oregon, Chemistry, 1979
B.S. University of Colorado, *magna cum laude*, Molecular, Cellular and Developmental Biology, 1977

Employment

Aug. 2007 – Present ***Co-Founder and Head of School; Carmen High School of Science and Technology***, Milwaukee, Wisconsin.

2005 - 2007 ***Planning Team Leader; Carmen High School of Science and Technology***, Milwaukee, Wisconsin. Led planning and fundraising for the launch of a public charter school.

1999 - 2007 ***Consultant, Science and Education Policy***; Milwaukee, Wisconsin. Working with museums, schools, law firms, and medical organizations on the development and administration of policies, programs, fundraising, and other activities that promote institutional objectives.

1997 - 1999 ***Associate Director for Education and Exhibits; The Bakken Library and Museum***, Minneapolis, Minnesota. Managed all public programs and exhibits within this science museum, which specializes in the history of electricity and magnetism and applications in life and medicine. Led the museum in the development of new exhibits and education programs for a major expansion project completed in March 1999.

1994-1997 ***Research Director; Minnesota Public Utilities Commission***, St. Paul, Minnesota. Established and managed the state of Minnesota's \$1 million research program to determine possible effects of stray voltage and other electrical phenomena on dairy herd health and milk production. Led a national advisory panel of scientists and engineers; raised funds from state legislature; represented the Commission to interested parties, including dairy and farm organizations, utility industries, and state agencies; developed and presented testimonies to the legislature.

1993-2001 ***Director; Regional Initiatives in Science Education (RISE)***, Minneapolis, Minnesota. As a consultant to the National Research Council, established and led a Minneapolis-based community coalition of teachers, higher education faculty, business leaders, and other educational institutions to advocate for high standards and science education reforms in the Minneapolis Public Schools. Directed strategic planning for, and served as lead Co-Principal Investigator on, a \$5 million Local Systemic Change in Science grant from the National Science Foundation and raised an additional \$1 million in private grant awards. These grants sustained a six year reform initiative involving teachers, principals, and students in 80 public elementary and middle schools in Minneapolis.

- 1992-1993 ***Senior Advisor for Life Sciences Education; Office of the Director, National Institutes of Health***, Bethesda, Maryland. Oversaw development and evaluation of NIH science education programs and represented the agency on inter-agency and White House science education committees and initiatives.
- 1990-1992 ***Program Officer; Howard Hughes Medical Institute***, Chevy Chase, Maryland. Directed the Institute's competitive grant awards programs for national and Washington D.C. area educational institutions to improve K-12 and public science education. Funded approximately \$10 million in grants annually. Grantees included school districts, science museums, and education advocacy organizations.
- 1988-1990 ***Senior Policy Advisor; Office of the Assistant Secretary for Health, Department of Health and Human Services***, Washington, DC. Served as a Public Health Services Fellow and principal advisor on biomedical research policy to the Assistant Secretary for Health and the Deputy Assistant Secretary for Health Policy, Planning and Evaluation. Facilitated policy discussions among the leaders of the Public Health Service agencies, including the National Institutes of Health and the Food and Drug Administration. Developed and negotiated Public Health Service policy positions in areas such as technology transfer, the biomedical research budget, the use of animals and human subjects in research, biotechnology, science education, scientific fraud and misconduct, and bioethics. Drafted regulations and developed legislation.
- 1986-1988 ***Policy Analyst; Office of Technology Assessment, U.S. Congress***, Washington, DC. Co-authored two major policy studies at the request of the U.S. Congress: The Human Genome Mapping Project and U.S. Federal, State, and Private Investments in Biotechnology. These published reports assessed genome mapping and biotechnologies and informed legislators, Executive Branch agency heads, and other decision makers of the scientific, legal, ethical, economic, and social perspectives they needed to know in order to develop budgets, laws, and policies related to these technologies.
- 1984-1986 ***Damon Runyon – Walter Winchell Postdoctoral Fellow; University of California San Francisco Medical Center***, San Francisco, California. Conducted research on the signal recognition factors involved in protein secretion in animals.
- 1979-1980 ***Biology Teacher; The Loomis Chaffee School***; (private boarding and day school) Windsor, Connecticut. Taught Introductory Biology and Advanced Biology to high school students.

Selected Professional Activities and Awards Related to Educational Leadership

- Member, Schools That Can Milwaukee (STCM), Board of Directors (since 2012)
- Public Member, Special Committee on Improving Educational Opportunities for High School, State of Wisconsin, Joint Legislative Council (since July 2012)
- Member, Milwaukee Regional Board of Directors, Teach for America (since 2012)
- Member, WI State Superintendent's Advisory Council on Charter Schools (since 2011)
- Amiga Award; Hispanic Chamber of Commerce, 2011
- Woman of Influence, Innovation; Milwaukee Business Journal, 2009