

JOYCE LEAVITT WINTERTON, PH.D.
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PROFESSIONAL EXPERIENCE

NASA, Senior Advisor for Education and Leadership Development, Wallops, VA 6/2010 – 1/2025

Provided leadership and strategic planning for education and development of the workforce for the NASA Goddard Space Flight Center's Wallops Flight Facility. Utilized Wallops' expertise and experience in scientific and educational projects involving suborbital and small orbital payloads. Planned and conducted student research and flight opportunities including RockOn, RockSat, and Undergraduate Student Instrument Project. Aligned activities with NASA's education and workforce objectives and outcomes. Served as a NASA Ombuds to assist employees.

NASA, Associate Administrator, Office of Education, Washington, DC 10/2006 – 5/2010

In this Senior Executive Service position, provided leadership and overall management of NASA's \$150 million education investments and education programs at the 10 NASA Centers and the four Mission Directorates. Served as the Chair of the International Space Education Board which included NASA, the European, Japanese, and Canadian Space Agencies, and implemented collaborative efforts for educators and students. Testified in Congressional Committees, briefed Office of Management and Budget, escorted Queen Elizabeth at the Goddard Space Flight Visitor Center.

Winterton Associates, Founder and Principal, Reston, VA 9/1991 - 9/2006; 2/2025 to Present

An international consulting firm specializing in education, business, industry, and government partnerships to identify and develop best practices, and key results. Designed and implemented national evaluations for US Department of Education, the National Science Foundation, and the Republic of the Marshall Islands. Evaluated six industry national skills standard projects for National Science Foundation and US Department of Education.

USA TODAY, Director of National Education Programs, McLean, VA US 10/1997 – 9/2006

Managed the development of educational resources and partnerships for K-12 and collegiate education for a national newspaper. Provided the creative vision for new resources, strategies, and business ventures. Established and managed the Advisory Panel comprised of major education associations and business leaders.

National FFA Organization, Leader, Partner Development Team, Alexandria, VA 9/1991 - 9/1997

Planned and developed partnerships and strategies to promote the benefits of agricultural education and of the FFA student organization with over 450,000 members, to education leaders and stakeholders. Conducted workshops for state leaders and educators to enhance their abilities to establish effective partnerships with decisionmakers and funders.

National Council on Vocational Education, Executive Director, Washington, D.C. 9/1986 - 9/1991

Executive Director for Presidential Advisory Council which provided education policy recommendations to Congress, the President and the Secretary of Education. Planned and conducted a national award and a White House Ceremony with VIP Awardees. Developed reports in collaboration with business and industry to identify the academic, technical, and employability skills needed by their workforce.

US Department of Education, Deputy Assistant Secretary, Washington, D.C. 9/1985 – 9/1986

Deputy Assistant Secretary for the Office of Vocational and Adult Education (OVAE). Formulated policy with the Assistant Secretary, supervised grant programs, and directed activities of OVAE staffed with 115 personnel. Developed recommendations for the Secretary of Education on policy and implementation of legislation.

US Department of Education, Director Presidential Award, Washington, D.C. 8/1983 - 9/1985

Implemented and directed a national Academic Award Program for high school students, elementary, and middle school students. Worked with the White House, Presidential staff, and the Secretary of Education to plan this new national program that continues to the present day.

Professional Staff Member, United States Senate, Washington, D.C. 9/1982 – 8/1983

Served as a professional staff member for the Committee on Labor and Human Resources for the Committee Chairman. Developed and initiated legislation for education and family related issues. Wrote and managed a bill from Subcommittee to Full Committee, managed it on the Senate Floor with the Committee Chairman, led the House – Senate Conference on the Bill.

Brigham Young University, Assistant Professor, Provo, UT

9/1978 - 8/1982

Developed curriculum and taught graduate and undergraduate courses. Supervised student teachers, interns and graduate students. Developed research proposals, conducted research and supervised graduate students' research. Represented the University on the State Advisory Council on Vocational Education and served as the Vice-Chairman. Represented the College on the University Faculty Advisory Council. Served as the faculty advisor for the College student organization for the American Home Economics Association, and Secretary for the university's Phi Kappa Phi honor society. Consultant with the Utah State Department of Education.

High School and Adult Education Teacher 8/1971 to 8/1978

EDUCATION

Ph.D., Colorado State University, Vocational Education

M.S., Utah State University, Home Economics Education

B.S., Utah State University, Home Economics Education