Career spans over 30 years of environmental, agricultural and natural resource conservation serving Federal regulatory and Executive agencies, the Congress, states, academia and nonprofit organizations. Extensive management, project development and implementation experience including inter-organizational coordination on regulatory and voluntary incentives and science policy issues.

UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE November 2005 – Current

Office of the President, Senior Research Coordinator

Advises non-profit organizations dedicated to water quality restoration efforts on the impacts of agriculture on the Chesapeake Bay and on funding priorities for agricultural conservation. Creates partnerships with the agriculture community and stakeholders in developing model pilot projects that enhance and improve education and technical assistance for agricultural conservation programs including farmer to farmer mentoring programs for conservation tillage, adaptable stream fencing for Plain Sect dairy farmers, and rural community conservation planning. Serves as Project Director for W. K Kellogg grant for building lasting collaborations within rural communities in the Chesapeake Bay watershed to undertake innovative solutions for creating sustainable farming systems while protecting natural resources.

U.S. ENVIRONMENTAL PROTECTION AGENCY

Intergovernmental Appointment – 2003 to October 2005

Senior Advisor to State of Maryland (Secretary, Maryland Department of Natural Resources and Director Chesapeake Bay Programs, University of Maryland) and dual appointment as Senior Advisor to Area Associate Director U.S. Department of Agriculture Beltsville Agricultural Research Service. Co-authored cutting edge science policy research and management strategy report on need for innovation in agricultural conservation for reducing nutrient loadings in the Chesapeake Bay. Served on several advisory task forces for the six Governors of the Chesapeake Bay including restoration financing and impacts of farm policy reform on the Chesapeake Bay. Advised senior USDA ARS management on future impact of bio-energy on MidAtlantic agricultural conservation issues, on the agricultural research priorities for reduction of nutrient loadings, and on water quality impacts of low impact development,

Deputy Director of the Office of Regulatory Enforcement 1994-2002.

Managed 145 attorneys, scientists, and engineers responsible for the civil enforcement of 12 Federal environmental laws including pesticides. The latter included overseeing policies for importation of illegal pesticides, use of pesticides inconsistent with labeling, filling of wetlands. Managed the national laboratory data (including pesticides) fraud investigation, designed enforcement responses to promote environmental justice, served as member of Senior Management Team for Tribal enforcement program capacity building strategies. Promoted enforcement response policies with pollution prevention incentives.

Other EPA Positions 1979-1993. Acting Director and Deputy Director of the Office of Compliance Monitoring for Pesticides and Toxic Substances. Implemented strategies for the EPA farm worker safety regulations, enforcement policies for the Federal Environmental Pesticides Control Act, revamped the asbestos programs, implemented new Federal legislation in community- right- to-know; and served on the management team designing the largest reorganization of EPA's enforcement programs in the history of the agency. Director of the Pesticide Applicator Certification and Training Program, rebuilt Congressionally-mandated program to better serve States and strengthen education and training programs for pesticide applicators. Served as Special Assistant and Acting Chief of Staff to the Director Office of Toxic Substances.

NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCES

Study Director, Board on Agriculture, National Academy of Sciences – 1984-1987. Managed a 17 member interdisciplinary panel of national experts in food safety and agriculture. Evaluated pesticide residues in food resulting in publication of the NAS report "Pesticides in Food – The Delaney Paradox" setting the stage for legislation and changes in pesticide food tolerances.

U.S. CONGRESS

Special Team, Surveys and Investigations Staff, House Committee on Appropriations – 1983-1984. By request of the House Appropriations Committee, Surveys and Investigations Staff investigated the reorganization of the USDA Agricultural Research Service focusing on research priorities, technology transfer mechanisms, and relationships with State Land Grant Universities.

Legislative Analyst Environment and Natural Resources, Congressional Research Service, Library of Congress – 1972-1979. Prepared major Congressional studies on environmental and natural resource issues including pesticides, toxic substances, hazardous waste, clean air, and energy policy; recommended witnesses and set up Congressional hearings as well as drafted legislative language.

EXECUTIVE OFFICE OF THE PRESIDENT

Interned at President's Council on Environmental Quality – 1971-1972. Evaluated environmental impact statements under the National Environmental Policy Act (NEPA) for the U.S. Department of Agriculture and U.S. Department of Transportation; assisted in the establishment of the Advisory Group on Pest Management identifying experts and issues surrounding alternative methods of pest control. Co-authored landmark CEQ publication "Integrated Pest Management".

EPA Appointments: Federal Senior Executive Service since 1990; Chairman of the EPA Honor Awards Board 2001-2003; Senior member of various agency advisory committees including Senior Executive Service Candidate Program, Strategic Planning, Children's Health and Environmental Justice.

Education: Political Science, University of California Riverside and Universite de Bordeaux, France. Specialized training in executive management through the Senior Executive Association and Office of Personnel Management including Change Management, workforce transitions; matrix management Wharton School of Business; negotiation and mediation Harvard Business School; law enforcement Federal law Enforcement Training Center, Glynco, Georgia

Personal Interests: sailing, kayaking, yoga and collecting Native American art.