

CURRICULUM VITAE

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Shirley Malcom, Ph.D., is director of the Education and Human Resources Programs of the American Association for the Advancement of Science (AAAS). A former high school science teacher, university faculty member, and National Science Foundation program officer in science education, Dr. Malcom serves on a number of boards and committees related to science policy and science education at local, state, national, and international levels. She is a trustee of the Carnegie Corporation of New York and American Museum of National History. She was a member of the National Science Board and served as a member of the President's Committee of Advisors on Science and Technology. Shirley Malcom oversees AAAS programs in education, activities for underrepresented groups, and public understanding of science and technology.

She has published numerous research articles and monographs on diversity challenges in scientific and engineering fields, including a joint AAAS and NSF report, *In Pursuit of a Diverse Science, Technology, Engineering, and Mathematics Workforce: Recommended Research Priorities to Enhance Participation by Underrepresented Minorities*. She received her bachelor's degree with distinction in zoology from the University of Washington, a master's degree in zoology from the University of California, Los Angeles, and her doctorate in ecology from Pennsylvania State University. She served on the National Science Board, the policymaking body of the National Science Foundation, from 1994 to 1998, and from 1994 to 2001 she was a member of the President's Committee of Advisors on Science and Technology. Shirley Malcom is currently co-chair of the Gender Advisory Board of the UN Commission on Science and Technology for Development and has chaired numerous national committees addressing education reform and access to scientific and technical education, careers, and literacy.

Shirley Malcom holds thirteen honorary degrees, sits on several boards - including the Howard Heinz Endowment, the H. John Heinz III Center for Science, Economics and the Environment, and the National Park System Advisory Board—and is an honorary trustee of the American Museum of Natural History. She is also a trustee of Caltech and serves as a Regent of Morgan State University. She is a fellow of the AAAS and the American Academy of Arts and Sciences. In 2003 Dr. Malcom received the Public Welfare Medal of the National Academy of Sciences.