

GERALDINE L. RICHMOND

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PROFESSIONAL PREPARATION

1971-1975 B.S. Chemistry, Kansas State University

1976-1980 Ph.D. Physical Chemistry, University of California, Berkeley

PROFESSIONAL APPOINTMENTS

2013- Presidential Chair of Science and Professor of Chemistry, University of Oregon

Research Interests: Understanding the molecular structure and dynamics of interfacial processes that have relevance to environmental remediation, biomolecular assembly, atmospheric chemistry and alternative energy sources. Over 200 publications have resulted from these studies.

Teaching Interests: Science literacy for nonscientists; career development courses for emerging and career scientists and engineers in the US and developing countries.

2001-2013 Richard M. and Patricia H. Noyes Professor of Chemistry, University of Oregon

1998-2001 Knight Professor of Liberal Arts and Sciences, University of Oregon

1991- Professor of Chemistry, University of Oregon

1991-1995 Director, Chemical Physics Institute, University of Oregon

1985-1991 Associate Professor of Chemistry, University of Oregon

1980-1985 Assistant Professor of Chemistry, Bryn Mawr College

AWARDS AND HONORS (SELECTED LIST)

2016- Secretary and Member of the Board, American Academy of Arts and Science

2015-16 President of the American Association for the Advancement of Science (AAAS)

2015- U.S. State Department Science Envoy for the Lower Mekong River Countries

2013 National Medal of Science

2013 Davison-Germer Prize for Atomic or Surface Physics, American Physical Society

2013 Charles L. Parsons Award, American Chemical Society (ACS)

2012-18 National Science Board Member, Presidential Obama Appointee

2011 National Academy of Sciences (NAS) Member

2011 Joel Henry Hildebrand Award in the Theoretical and Experimental Chemistry of Liquids (ACS)

2011 American Chemical Society Fellow

2009 Society for Applied Spectroscopy Honorary Membership Award

2008 Bomem-Michelson Award, Coblentz Society 2007 John S. Guggenheim Fellowship

2006 American Academy of Arts and Sciences, Fellow

2006 Council on Chemical Research Diversity Award

2005 Award for Encouraging Women in the Chemical Sciences, American Chemical Society

2004 Spiers Medal, Royal Society of Chemistry (UK), Faraday Division

2004 American Association for the Advancement of Science (AAAS) Fellow

2001 Oregon Outstanding Scientist Award, Oregon Academy of Science

1997 Presidential Award for Excellence in Science and Engineering Mentoring, White House

1996 Francis P. Garvan – John M. Olin Medal of the American Chemical Society

- 1993 American Physical Society Fellow
- 1986 Camille and Henry Dreyfus Teacher-Scholar Award
- 1985 Presidential Young Investigator Award, National Science Foundation
- 1985 Alfred P. Sloan Research Fellow

PUBLICATIONS

Over 200 publications have results from scientific research from the Richmond laboratory and social science research on women in science as a part of the COACH program.

RECENT SYNERGISTIC ACTIVITIES

- 2015- *U.S. Science Envoy*, Department of State, Secretary Kerry Appointee, Lower Mekong Countries of Vietnam, Thailand, Cambodia, Myanmar, Laos
 The overall goals are to help develop scientific partnerships between US scientists and those in the various LM countries and to assist in the creation of partnership programs that address regional areas of need and interest. Current programs in progress are (1) development of a network and education of nutrition and health professionals to address issues of childhood physical and neurological development in the first 1000 days and (2) building technical capacity in areas of need in countries in the region.
- 2014-2017 *President-Elect (2014), President (2015), Chair of the Board of Directors (2016)* American Association for the Advancement of Science (AAAS)
- 2012-2018 *National Science Board Member*, Presidential Obama Appointee
 Members of the National Science Board establish the policies of the National Science Foundation and serve as advisor to Congress and the President. The Board approves major NSF awards, provides congressional testimony and issues statements relevant to the nation's S&E enterprise.
- 1998- *Chair and Founder*, COACH for the Advancement of Women Scientists and Engineers (<http://coach.uoregon.edu>)
 COACH is a grass-roots organization that is committed to increasing the number and success of women scientists through a series of activities aimed at institutional leadership and for women scientists and engineers. Richmond has been the leader in designing, offering and helping to coordinate COACH workshops at academic institutions and professional meetings across the US. Over 18,000 women scientists and engineers have attended these workshops in the U.S. funded by NSF, NIH and DOE. In 2012 the effort was expanded to scientists in developing countries. Richmond has led this effort by providing COACH workshops to several thousand scientists and engineers in countries such as Brazil, Chile, Argentina, Jamaica, Tunisia, Morocco, Algeria, Jordan, Oman, Madagascar, Mauritius, Mozambique, Rwanda, Namibia, Kenya, Ethiopia, Tanzania, Cameroon, Gabon, Vietnam, Japan, India, Sri Lanka, Laos, Indonesia, Thailand, Chile, Jamaica and Argentina.