

William F. Carroll, Jr., Ph.D.

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SUMMARY

A 37-year chemical and plastics industry business and technology executive also experienced in all facets of not-for-profit governance, including Board of Directors. Issue manager with strategy and on-camera expertise in crisis communications. Internationally recognized expert in environmental regulatory science with a peer-reviewed publications record spanning 40 years. In-demand speaker on industrial chemistry and the chemical industry for student, professional and lay audiences.

ACHIEVEMENTS

- Elected President, and later, Chair of the Board of world's largest single-discipline scientific society; as Chair, led successful national search process for new Chief Executive Officer.
- Member, co-chair of State of California and National Research Council science advisory panels.
- Originated consensus implementation features and co-wrote guidance documents for Stockholm Convention on Persistent Organic Pollutants, a 170-country treaty.
- Championed and published EPA-acknowledged, peer-reviewed industry emissions characterization and data sharing programs.
- Achieved technical, public relations and political conclusion to potential multi-state public health issue regarding chemical migration in rural water piping systems.

PROFESSIONAL EXPERIENCE

Carroll Applied Science, LLC	Dallas, TX	2015 – Present
<u>Principal</u> Science, technology, advocacy and policy counsel for the chemistry enterprise. Public and private sector clients.		2015 – Present
Occidental Chemical Corporation	Pottstown, PA; Berwyn, PA; Dallas, TX	1979 – 2015
<u>Vice President, Industry Issues</u> Technical and policy issues manager reporting to President, CEO. Customer contact on sustainability. Leading member of two global industry associations. Industry representative to international environmental fora. Ongoing involvement in US and international risk policy, Green Chemistry and Green Building.		1996 – 2015
<u>Director, Commercial Development, Polymers and Plastics</u> Created and operated start-up recycling business for PVC packaging. Industry spokesperson, including Congressional testimony. Two direct, four indirect staff.		1989 – 1994
<u>Director, Technology, PVC Resins and Compounds</u>		1985 – 1989
<u>Manager, Research, PVC Resins</u>		1979 – 1985
Chlorine Chemistry Council/American Chemistry Council	Washington, DC	
<u>Acting Managing Director Loaned Executive</u> . Staff of 10, budget ca. \$6 million.		2006
<u>Science Policy Loaned Executive</u>		1994 – 1996
Rohm and Haas Company	Bristol, PA	1978 - 1979

ACADEMIC APPOINTMENTS

Indiana University: Adjunct Professor of Chemistry	1998 - Present
DePauw University: Science Advisory Board (Chair 2006)	2004 - 2008
Tulane University: Board of Advisors, School of Science and Engineering	2007 – Present

AWARDS

<u>American Chemical Society</u>	
Division of Chemistry And The Law: Howard and Sally Peters Award	2014
Chicago Local Section: Public Affairs Award	2013
Santa Clara Valley Local Section: Harry and Carol Mosher Award	2012
Division of Professional Relations: Henry Hill Award	2009
<u>DePauw University</u> Distinguished Alumni Achievement Award	2011
<u>Indiana University</u> Distinguished Alumni Service Award	2009
<u>The Vinyl Institute</u> Roy T. Gottesman Leadership Award for Career Achievement	2000

APPOINTMENTS TO GOVERNMENT ENTITIES

<u>United Nations Environment Programme (UNEP)/Industrial Development Org. (UNIDO)</u>	
Stockholm Convention Industry Non-Government Organization Representative	1998 - Present
Best Available Techniques-Best Environmental Practices/Toolkit Expert Group	2003 - Present
Chief Technical Advisor, Minamata Convention Vinyl Chloride Project, China	2017 - Present
<u>National Academy of Sciences/National Research Council Committees/Task Groups:</u>	
Chemical Sciences Roundtable (Co-chair, 2011-16)	2006 – 2016
Research at the Intersection of Physical and Life Sciences	2007 – 2010
Prudent Practices in the Chemical Laboratory: An Update (Co-chair)	2008 – 2010
Sustainability Linkages in the Federal Government	2011 – 2013
<u>State of California:</u> Green Ribbon Science Panel (Co-Chair 2009-2013)	2009 – 2015
<u>State of Florida:</u> Florida Packaging Council	1993 – 1994
<u>State of Oregon:</u> DEQ Rigid Packaging Implementation Task Force	1993 – 1994

PROFESSIONAL SOCIETIES

<u>American Chemical Society</u>	
Offices: President (2005); Board of Directors (2004-06; 2009-17); Chair of the Board (2012-14)	
Committees: Governing Board for Publishing; Public Affairs & Public Relations (Chair, 2009-2011); Budget & Finance; Executive (Chair, 2012-14); Executive Compensation (Chair 2005-09); Audits; Pensions & Investments (Chair 2015-Present); Planning; Development Advisory Board; Green Chemistry Advisory Board (Chair 2018-present)	
Activities: Tour Speaker; Career Consultant; Strategic Planning Workshop Facilitator	
<u>Council of Scientific Society Presidents</u> , (Vice Chair, 2008; Chair, 2009; Past Chair, 2010)	
<u>Royal Society of Chemistry</u> , Fellow	
<u>National Organization for the Prof. Advancement of Black Chemists and Chemical Engineers (NOBCCHE)</u>	
<u>American Association for the Advancement of Science (AAAS)</u> Fellow, Class of 2016	
<u>Society of Plastics Engineers</u>	

INDUSTRY AND STANDARDS ORGANIZATIONS

Chair or member of committees: American Chemistry/Plastics Council (1996-present); Chlorine Chemistry Council/World Chlorine Council (1994-present); Vinyl Institute/Global Vinyl Council: (1983-2015); NSF International: Greener Chemicals/Processes, (Joint Committee, 2010); Green Building Initiative, ANSI Consensus Body (2014-17); US Green Building Council Supply Chain Optimization Work Group (2014-15)

EDUCATION

Ph.D., Indiana University, Bloomington, Indiana, 1978; Organic Chemistry
 M.S., Tulane University, New Orleans, Louisiana, 1975; Organic Chemistry
 B.A., DePauw University, Greencastle, Indiana, 1973; Chemistry & Physics