



CANDIDATE FOR PRESIDENT- ELECT 2018



WILLIE E. MAY

University of Maryland, College Park, Maryland

MAY, WILLIE E. *Chemical Society of Washington Section.* University of Maryland, College Park, Maryland.

Academic Record: Knoxville College, B.S., 1968; University of Maryland, Ph.D., 1977.

Honors: ACS Award for Public Service, 2017; One of four Keynote Speakers for Opening Session, 2016 ACS Fall National Meeting; Cover Story, C&E News, June 15, 2015; ACS Fellow, 2011; Distinguished Service in the Advancement of Analytical Chemistry Award, ACS, 2001; Laboratory Director of the Year, Federal Laboratory Consortium, 2016; Honorary Doctor of Science, Wake Forest University, 2012; First Class of Inductees, Knoxville College Alumni Hall of Fame, 2010; University of Maryland College of Chemical and Life Sciences Alumnus of the Year Award, 2007; Henry Hill Award for Exemplary Work and Leadership in the Field of Chemistry, NOBCChE, 2005; Science Spectrum Magazine Emerald Award, 2005; Council for Chemical Research Diversity Award, 2005; Percy Julian Award for Outstanding Research in Organic Analytical Chemistry, NOBCChE, 1992; Presidential Rank Award of Meritorious Federal Executive, 1992; Department of Commerce Gold Medal Award for Distinguished Achievement in Federal Service, 1992; Arthur Flemming Award for Outstanding Federal Service, 1986; Department of Commerce Silver Medal Award for Meritorious Federal Service, 1985; National Bureau of Standards (NBS) Equal Employment Opportunity (EEO) Award, 1982; Department of Commerce Bronze Medal Award for Superior Federal Service, 1981.

Professional Positions (for past 10 years): University of Maryland, Director of Research & Special Training Initiatives, College of Computer, Math & Natural Sciences, 2017 to date; Senate-

Confirmed Under Secretary of Commerce for Standards and Technology, May 2014 - January 2017; Emeritus Director, National Institute of Standards and Technology (NIST, Gaithersburg, Maryland), 2017; 15th Director, May 2014 - January 2017; Acting Director, June 2014 - May 2015; Associate Director for Laboratory Programs, August 2011 - June 2014; Director, Material Measurement Laboratory, 2010-11; Director, Chemical Science and Technology Laboratory, 2004-10.

Service in ACS National Offices: ACS President's Blue Ribbon Panel on Minority Affairs, 1994-2004.

Service in ACS Offices: ACS Member since 1979. Committee on Minority Affairs, 1993-2000, Chair, 1996-98.

Member: National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE); American Association for the Advancement of Science (AAAS); Vice President of the 18-person International Committee on Weights and Measures (CIPM); President, CIPM's Consultative Committee on Metrology in Chemistry and Biology; Executive Board Member for the Joint Committee on Traceability in Laboratory Medicine (JCTLM); Advisory Boards for the UK's National Physical Laboratory (NPL); Japan's National Institute of Advanced Industrial Science and Technology (AIST); and China's National Institute for Metrology.

Related Activities: Co-Chair, National Commission on Forensic Science, 2014-17; Keynote Speaker, Winter Commencement Ceremonies, University of Maryland, College of Life Sciences, 2002; Commencement Speaker, Wake Forrest University Graduate School of Arts and Sciences, 2012; Keynote Speaker, Winter Commencement Ceremonies, University of Maryland, College of Computer, Mathematical and Natural Sciences, 2015; Ralph Metcalfe Lecturer, Marquette University, 2016; Fall Commencement Speaker for the University of Alabama, Huntsville, 2016.

STATEMENT

The statements of the candidates represent their opinions and do not necessarily represent the views of the ACS.

I am Willie E. May and I am honored to be a candidate for ACS President-Elect.

The American Chemical Society is one of the most important voices for science and technology in the world. It has a vast international reach and some of the most influential publications in any S&T field.

As a member of ACS, I'm sure you care about the chemistry profession. But, still you may be wondering, why should I vote? What's in it for me?

I hope the answers provided below first and foremost inspire your vote. And, if my goals match yours, then please vote for me as your ACS President-Elect.

Why it matters...

ACS promotes solutions to real-world issues that depend on contributions by chemistry professionals. This matters not just to you and our membership but our entire planet!

What's in it for you...

Members join for many reasons.

- *Student* members use ACS programs to better understand the profession and identify great job opportunities,
- *Mid-career chemists* look to ACS to stay current with advances in the field and with issues confronting chemists and society more broadly, and
- *Senior chemists and retirees* rely on ACS for networking with peers as they take on new leadership and mentoring challenges and look for solutions.

ACS helps meet all of these needs — world-class publications, professional advice, employment services, continuous learning classes, and unmatched mentoring opportunities. But we can always do better. We can be more strategic, refine our programs and messages, and speak more effectively on behalf of our members and our profession.

Why your vote for ACS President is so important

Many of our global challenges can be addressed through the power of chemistry.

The ACS President can help broker those solutions. We need an experienced leader who:

- *Has a proven track record of working strategically and productively with all sectors of our economy and society,*
- *Gets the chemistry "big picture" in all its variations from lab to marketplace,*
- *Knows how to build coalitions with academia, companies in all sectors and of all sizes, and government agencies in the U.S. and globally, and*
- *Is committed to helping undergraduate and graduate students, postdocs and early career professionals reach their full potential.*

I have served in all those leadership roles. Starting from the laboratory bench, I rose through the ranks at the National Institute of Standards and Technology (NIST) and capped off my government career as Under Secretary of Commerce for Standards and Technology and NIST Director.

I have worked with colleagues from industry, government, and academia in the U.S. and abroad. I have worked with and testified before Congress as well as consulted and worked with Corporate CEOs and directors of dozens of scientific and technical societies from around the world. I have created and/or supported programs aimed at advancing the careers of young scientists and engineers.

My plans to advance ACS and its effectiveness:

As your President-Elect, I want to continue to make a difference. I want to give back in honor of those who taught and mentored me throughout my improbable journey from the projects in Birmingham, Alabama, to candidacy for President of the world's largest scientific society.

I would work to:

- **Inspire and Educate:** ACS should play a greater role in shaping policies to expand and inspire the next generation of STEM professionals – ranging from chemical plant technicians to research investigators in government, academic, and industrial laboratories. We should encourage dialogue with the public, particularly during this time when public interest and confidence in science, data, and facts has been challenged,
- **Diversify:** We should be strong advocates for strengthening institutions serving underrepresented populations. Students from these institutions are an underappreciated and underused resource for skilled workers for the chemical industry. Through ACS assistance with internships and other career opportunities, these untapped pools of talent bring us diversity of thought and innovation,
- **Grow:** Science has no national boundaries. Non-U.S. citizens should be a growth area for recruiting new members, including those working for global companies. Biology is increasingly a quantitative molecular science. We should explore ways to bring more biologists under the ACS tent, including adding relevant conference topics and forums for biologists and biochemists, and
- **Continuously improve:** Even a preeminent international scientific organization must stay alert to its members' needs. The skills and education gained in our 20's and 30's will not sustain us throughout our careers. We should consider establishing an "ACS university for continuous learning".

So, I ask for your vote; working together we can bring ACS to the next level of excellence.

Please visit my website at www.williemayacs.com for more information.