



CANDIDATE FOR DIRECTOR-AT-LARGE, 2018-2020



WAYNE E. JONES, JR.

University of New Hampshire, Durham, New Hampshire.

JONES, WAYNE E., JR. *Binghamton Section.* University of New Hampshire, Durham, New Hampshire.

Academic Record: St. Michael's College, B.S., 1987; University of North Carolina, Ph.D., 1991.

Honors: E. Anne Nalley Northeast Region Award for Volunteer Service, 2015; ACS Fellow, 2010; Distinguished Service Award, Binghamton Section, ACS, 1999; Honorary Golden Key Faculty Award 2005; State University of New York Chancellors Award for Excellence in Teaching, 2001, University Award for Excellence in Teaching, 2001; Who's Who Among American Teachers 1998, Who's Who in Science and Engineering 2001 to date; Alpha Xi Sigma Teaching Award, 1996.

Professional Positions (for past ten years): University of New Hampshire, Dean of Engineering and Physical Sciences and Professor of Chemistry, 2017 to date; Founding Chief Scientist, Chromananotech Inc., 2015 to date; Binghamton University, Department Chair 2009-17; Professor, 2006 to date; Interim Dean of Arts and Sciences, 2012-13; Associate Professor, 1999-2006; Deputy to the President, 2001-06; Director, Center for Learning and Teaching, 1996-2009.

Service in ACS National Office: Committee on Committees, 2014-19, Chair, 2015-17; Committee on Membership Affairs, 2010-13, Chair, 2011-13, Program Review Advisory Group, 2010-12; Council Policy Committee, ex officio (Nonvoting), 2015-16, 2010-12, 2008-09; Committee on Local Section Activities, 2003-09, Chair, 2008-09; Board Committee on Planning, (Nonvoting), 2008.

Service in ACS Offices: Member ACS since 1989. *Binghamton Section:* Councilor, 1997-17, Chair, 2001, Chair-Elect, 2000. *Northeast Regional Meeting Board:* Treasurer, 2007-16. *34th Northeastern Regional Meeting:* Chair, 2005-06. *41st Northeastern Regional Meeting:* Chair, 2015-16. *Division of Chemistry Education:* Program Committee, 2005-15, Co-Program Chair, Denver, 2015, 2011, Chicago, 2007.

Member: American Association for the Advancement of Science; Materials Research Society. *ACS Divisions:* Chemical Education; and Inorganic Chemistry.

Related Activities: Director, Go Green Institute, 2008 to date; Graduate Program Director, 2006-09; Education Director, Center for Advanced Microelectronics Manufacturing, 2006-09; Guest Editor, special issue of Journal of Educational Technology Systems, 2005-08; Undergraduate Program Chair, 1996-2001; SUNY Faculty Access to Computing Technology Advisory Committee, 2001-06; Science Olympiad PR Chair, 2005-09; Science Olympiad Volunteer, 1996-2009; Chemistry Olympiad Coordinator, 1995-98. Author of over 150 publications and book chapters, 9 patents, approximately 245 invited lectures, and organizer/co-organizer of 8 national and international symposia in Inorganic Chemistry, Polymer Chemistry, and Chemical Education.

STATEMENT

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

It is an honor to have been nominated to serve the American Chemical Society as Director-at-Large on the Board of Directors. As a mid-career chemist with over 20 years of experience across the chemistry enterprise in ACS, education, and start-up companies, my goal is to focus on members and supporting the resources to help them succeed professionally.

Members are the lifeblood of ACS, and it is critical that they be involved throughout the chemistry enterprise. In my recent service on the Board of Directors Task Force on Governance Design, I have been particularly impressed by the unique power that member engagement plays in ACS compared to other national science and engineering societies. Beyond representation on Council, which should reflect the diversity of our membership, we need to find more opportunities for members to engage with ACS and improve people's lives through the transforming power of chemistry. As a member and chair of several national ACS committees, including the Local Section Activities Committee and the Membership Affairs Committee, it has been abundantly clear that the value of ACS membership must be communicated more clearly. This includes publications and meetings, of course, but also professional development, advocacy for the chemistry enterprise, and outreach to future chemists and society. Focusing on a broad, diverse membership and their needs will ensure the viability and impact of ACS and chemistry for years to come.

Education is the key to advancing the broader chemistry enterprise and its practitioners, and ACS has a powerful role to play in this arena. Strategic and research-based educational investments will enhance our current portfolio of activities. Having participated actively in division and local section education activities throughout my career, I have seen opportunities to enhance programming at the local and regional levels. As chair of two regional meetings, I worked hard to ensure that programming included research-based teaching, undergraduate research, and interactive workshops – areas that I will support and expand at the national level. We should also become more involved at the graduate and post-doctoral level with professional development programs like ChemIDP. Graduate students and

young professionals need more than academic experience. ACS can help to bring mentoring and career programming to this critical segment of our education community.

Jobs and career development across disciplines that employ chemical professionals is a global challenge that ACS can help to address. While chemistry employment may be strong relative to other segments, there is much work to be done. Programming and support for members and chemistry professionals going through career changes and downsizing are critical, and this need is only growing. Activities at the national, regional and local levels targeting this group, as well as recent graduates, should be supported. We can help chemical professionals explore career options away from the bench and opportunities for starting their own business or working with startups. ACS can play a bigger role in using on-line methods to deliver professional development, as well as connect and help individuals network and get access to new opportunities.

Thank you for the opportunity to continue to work with you and my fellow Councilors in support of the ACS mission and vision. Ultimately, the Director-at-Large position is an opportunity to represent you directly on the Board. We truly can have an impact for our members, and I look forward to learning more about your ideas to advance the chemical enterprise. You can always reach me at wayne.e.jones.jr@gmail.com.