

2015 POLY Election Statements and Bios

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Candidates for Vice-Chair



Diana Gerbi
3M

STATEMENT: I am truly honored to be selected as a candidate for Vice Chair of the ACS Division of Polymer Chemistry. I have been a member of the ACS and POLY for 34 years and have been impressed with the POLY leadership. In this position

I would work diligently with the Executive Committee to maintain the health of the organization while identifying ways to bring additional value to the entire POLY membership.

My priorities include:

1) Strengthening collaboration between academia, industry and government through technical programming at national meetings and workshops. I support using interdivisional and intersocietal cooperation to leverage resources and identify new ways of reaching out to current and new members.

2) Increasing focus on industrial membership and tenure through relevant programming and awards. With an industrial background and current Industrial Advisory Board co-chair I have much to offer in assisting POLY in meeting the needs of industrial, government and academic polymer chemists. I am especially proud of our successful effort to initiate a new signature symposia series organized by industrial members, *Industrial Innovations in Polymer Chemistry*.

3) Providing support to education aimed at high school, undergraduate and graduate students as future members and contributors. Examples are Polymer Ambassadors, student career panel discussions, and undergraduate and graduate student awards.

I believe my years of service with POLY have provided experience and a network for working more effectively within POLY and the broader ACS organization to carry out these goals. I ask for your support of my candidacy.

BIOGRAPHY: Diana is a senior technical manager in 3M Corporate Research and Development Services. She has held a variety of technology and product development positions in her 33 years of 3M employment. Diana served as a Macromolecules reviewer, has twenty-two issued patents and technical publications, participates in educational outreach activities, and chairs the 3M External Awards Committee. Diana holds a B.S. in Chemistry from the University of Pittsburgh, M.S. in Organic/Polymer Chemistry from the University of Texas San Antonio and Ph.D. in Materials Science from the University of Minnesota.

She has actively served the Division of Polymer Chemistry in numerous ways including POLY Publication Manager (1984-1997), co-chair for Workshop on Nonlinear Optical Organic and Polymeric Materials (1984), Awards Committee (2001), Councilor (1998-2003, 2010), ACS Meetings and Expositions Committee member (1998-2003), Industrial Advisory Board member (2006-2010) and co-chair of the Industrial Advisory Board since 2011. She is an ACS Fellow and a Fellow of the Division of Polymer Chemistry.



Michael Meador
National Science and
Technology Council

STATEMENT: It is a great honor to have been nominated for POLY Vice Chair. I have had the privilege of serving POLY for two terms as Member-at-Large and work with POLY leadership, Membership

Committee and Business Office to enhance the value of a POLY membership and increase student involvement in our Division. We teamed with PMSE to sponsor POLY/PMSE student chapters, grow the number of chapters from 2 to 9, and provide students with networking opportunities at National Meetings and POLY workshops. We instituted "What's Happening Today at the ACS National Meeting" e-mails to give daily updates on POLY programming and special events to members attending the meeting and, more importantly, those who aren't able to attend. Since its inception, POLY has been blessed with outstanding, visionary leadership that has worked hard to advance the goals of the Division, its members, and the greater polymer enterprise. If elected, I will build on their efforts and focus on serving the needs of POLY members by exploring new ways to better connect all POLY members to technical programming and events at National Meetings, recognize the accomplishments of academic, industry and government members, and insure the Division's future by increasing the involvement of students and young professionals in POLY.

BIOGRAPHY: Michael A. Meador is Director of the National Nanotechnology Coordination Office (NNCO) in the White House Office of Science and Technology Policy. He is on loan from the NASA Glenn Research Center where he devoted most of his 32-year career to planning, advocating and leading R&D in polymeric materials and nanotechnology. This includes serving as Chief of the Polymers Branch (1988-2011), Manager of the Nanotechnology Project in the Space Technology Mission Directorate's Game Changing Development Program (2011-2014) and Chair of the Nanotechnology Roadmap Team (2010-2012, 2014). As NNCO Director he has focused on identifying mechanisms to facilitate commercialization, increasing awareness of the National Nanotechnology Initiative's research and commercialization successes, and strengthening interactions with technical and professional societies to advance the goals of the NNI and the broader nanotechnology community. Meador is the ACS Polymer Chemistry Division's Member-at-Large, Adjunct Professor and Advisory Board Member for Clemson University's School of Material Science and Engineering, and a member of the University of Akron College of Polymer Science and Engineering's Advancement Council and the External Advisory Board of CWRU's Institute for Advanced Materials. His awards include ACS Fellow and the NASA Medals for Equal Employment Opportunity and Exceptional Service.



Candidates for Member-At-Large



Kevin Cavicchi
University of Akron

STATEMENT: I am honored to be nominated as a candidate for Member-At-Large and appreciate the opportunity to continue to serve the POLY Division and its membership. If elected, I look forward to representing the membership in the executive committee and working

for the benefit of the members in the planning and execution of Division activities. One specific goal would be to broaden direct communication with the membership through the Member-At-Large webpage on the POLY Division website and through newer social media platforms. From my previous involvement with membership as the chair of the graduate student chapters and membership chair I believe I have the abilities and experience to continue to serve the membership committee in their effort to recruit, retain, and recognize membership. For example, during my service with the graduate student chapters the graduate student networking reception at the national meeting was re-established. This reception provides the opportunity for students to meet with each other at the beginning of the meeting and network with POLY and PMSE board members.

BIOGRAPHY: Kevin Cavicchi is an Associate Professor in the Department of Polymer Engineering at the University of Akron. He received his B.S. in Materials Science and Engineering from Cornell University in 1998 and his Ph.D. in Materials Science and Engineering from the University of Minnesota in 2003. He was a post-doctoral fellow at the University of Massachusetts-Amherst from 2003-2005. His research focuses on the synthesis and characterization of polymer networks and gels including small molecule organogelators, ionomers, and shape memory polymers. He became active in POLY leadership in 2011 as chair of the graduate student chapters and has served as POLY membership chair since 2013.



Mark Dadmun
University of Tennessee

STATEMENT I have been very active in the POLY Division and am excited to continue to serve the Division by running for election as Member-At-Large. I have extensive experience working as part of the POLY Executive Committee as

Treasurer (2 terms), Associate Treasurer, and Regional Meetings Chair. I would like to use that experience to continue to maintain its current level of excellence, broaden its membership and build interactions among other divisions and industry. I have been a member of ACS and the Division of Polymer Chemistry for over 20 years and have benefited enormously from the Polymer Division activities, including programming at national meetings, as well as support for workshops and smaller conferences. The opportunity to give back to the Division by serving as an officer and becoming a part of the leadership team of POLY has been rewarding and enlightening. I will continue to dedicate the time and effort needed to serve the Division as Member-at-Large to grow the Division and its most important activities. I hope that you will support me in this election.

BIOGRAPHY: Mark Dadmun received his B.S. in Chemical Engineering from the University of Massachusetts and a Ph.D. from the University of Massachusetts working with Prof. M. Muthukumar in Polymer Science and Engineering. He subsequently was awarded a National Research Council Post-doctoral Fellowship, which he completed at the National Institute of Standards and Technology working with Dr. Charles Han. He then joined the faculty of the Chemistry Department at the University of Tennessee, where he is now a Full Professor. He also has an appointment as Joint Faculty at Oak Ridge National Laboratory in the Chemical Science Division and as Associate Director of the Joint Institute for Neutron Sciences. His current research interests focus on the characterization, optimization, and control of the dispersion and morphology in multi-component polymeric materials. Specific research programs of interest include improving materials and processes in additive manufacturing and developing a fundamental understanding of the dynamics in polymer nanocomposites.



Candidates for Councilor



Christine Landry-Coltrain
Kodak Research Laboratories

STATEMENT: I am honored to be re-nominated for Polymer Division Councilor and solicit your vote so that I may continue my

fifteen years representing you on the ACS Council. The Councilor position is a vital office for the Division as he/she is responsible for representing the Division's positions on the Council floor and in the governing committees of the ACS. Further, the Councilor serves of the Division Executive Committee and participates in all decisions affecting the activities of the Division. My extensive experience with the Division certainly qualifies me to continue to serve the Division in these roles. Since I became a Councilor in 1999, I served for six years on the Divisional Activities Committee (DAC). Then I served on the Meetings and Expositions Committee (M&E). After serving on the taskforce developing Presentations on Demand (POD), I served on a task force to select MAPS in time for abstract submission for the National meeting in Denver in 2015. Upon completing my service with M&E, I was asked to rejoin DAC and serve on the Divisional Enhancement Subcommittee.

If reelected to the position of ACS Councilor, I pledge to continue to work diligently using my seniority to advance the objectives and strengths of the Polymer Chemistry Division and ACS. I would appreciate your support in this election and your help during the coming years so that we can move forward together.

BIOGRAPHY Christine Landry-Coltrain is a Senior Research Associate at the Eastman Kodak Company in Rochester, NY, and a 30 year member of the Kodak Research Labs. Her primary research interests have been in understanding structure-property relations in multicomponent polymeric systems. This thrust has led down paths exploring polymer-polymer, polymer-dye, polymer-lubricant interactions, polymer-inorganic oxide nanocomposites, conductive inks, and porous structures in areas related to many imaging and printing product platforms. Her current interests reside in the area of functional printing. Christine received her B.Sc. in Chemistry (1980) from McGill University and Ph.D. in Analytical/Macromolecular Chemistry (1985) from the University of Wisconsin-Madison. She is a member of ACS (POLY and PMSE), APS, and CIC (Chemical Institute of Canada), and has been active in the Polymer Chemistry Division as Program Chair, Alternate Councilor, Webmaster, and symposia organizer. She has co-authored 35 publications, authored a book chapter, and is co-inventor on over 70 US Patents.



Mary Ann Meador
NASA Glenn Research Center

STATEMENT: I am honored to be nominated for POLY Councilor, and would be happy to serve another term representing POLY on the ACS Council and in Council level committees. I have been an active

member of POLY for more than twenty years, and co-organized numerous POLY-sponsored symposia and workshops. For the past three years, I have been POLY Councilor and also serve on the Divisional Activities Committee (DAC) which oversees and coordinates the activities of the technical divisions, and facilitates communications among divisions to help them better serve their membership. I previously served as Alternate Councilor and Membership Chair for POLY for five years. As Membership Chair, I helped reinvigorate the POLY Student Chapters, and also carried out the last two Member Surveys which have provided POLY leadership with feedback to inform and enhance decisions that affect us all. I have learned much from working with the leadership of POLY for the last eight years, especially from my fellow councilors who have mentored me in the finer points of working within the ACS system and getting things done to forward the goals and objectives of our Division. If elected I will continue to work with the leadership of POLY to enhance programming, improve communications and encourage new initiatives to improve the value of being a member. I will also continue as a member of DAC to enhance collaboration among related divisions and encourage joint activities. I will also continue to work to advance the strategic goals and main mission of POLY, which is to be the premier organization for professionals working in the polymer enterprise, whether they work in industry, government or academia.

BIOGRAPHY: Mary Ann Meador completed a B.S. in Chemistry from Duquesne University (1979) and a Ph.D. in Organic Chemistry from Michigan State University (1983). She joined NASA Glenn Research Center in 1983 and is currently a senior scientist in the Materials and Structures Division. Her research interests have focused on development of polymeric materials for application in future aeronautics and space missions. She has published over 160 papers and holds 17 patents. She is also the recipient of the NorTech Innovation Award; two R&D 100 Awards and four NASA Medals, and was named American Chemical Society Fellow in 2013. She is also an Executive Editor for ACS Applied Materials and Interfaces, and Adjunct Professor in Polymer Engineering at the University of Akron.



Candidates for Alternate Councilor



Michael Hickner
Oak Ridge National
Laboratory

STATEMENT: I am honored to be re-nominated for the position of Alternate Councilor. As Alternate Councilor for the past three years, I have helped to ensure smooth communication with POLY

workshop organizers through my duties on the workshop committee. I also co-chaired a successful workshop on Polymeric Membranes for Water Treatment and advised the workshop on Advances in Polymers for Fuel Cells. Workshops play an important role within POLY and give the Division the ability to reach out to members who may not attend national meetings. Workshops also provide a concentrated venue to explore a field in-depth and put the stamp of POLY on a field. The Gordon Conference style of these workshops is always commented on by the attendees and holds great value for the Division's members and other attendees. Additionally, in 2014 I ran an Innovative Project Grant that surveyed the attendees at POLY sessions to gather data on who is really attending (remember the granola bars and the water?). We quantified the tremendous interest in POLY programming from ACS members who were not POLY members. This data will be used in new membership drives and strengthens our case to ACS that the POLY Division is a major contributor to the overall scientific value of the society. I will continue these activities in workshops, meetings, and membership as Alternate Councilor. In my new position at Oak Ridge, I hope to improve the links between federal labs, academic labs, and industry. The Center for Nanophase Materials Sciences is in a unique position as a user facility to reach out to the polymer community and bring new tools and capabilities to our field. I am excited for the future of interdisciplinary polymer research across institutional boundaries.

BIOGRAPHY: Mike Hickner is currently a Senior Polymer Scientist and the Group Leader for Macromolecular Nanomaterials at the Center for Nanophase Materials Sciences at Oak Ridge National Laboratory. His research is focused on the synthesis and properties of ion-containing polymers, probing water-polymer interactions through spectroscopic measurements, and exploring self and directed assembly of polymeric nanostructures. He has co-authored more than 120 peer-reviewed publications that have been cited more than 6,500 times. He has organized sessions at ACS National meetings, Pacifichem, and POLY division workshops. He is interested in advancing the use of polymers to solve problems in energy and water treatment applications and developing new user capabilities for the polymer science community.



Toby Nelson
Oklahoma State University

STATEMENT: I am honored to be nominated as a candidate for the Alternate Councilor of the ACS Division of Polymer Chemistry. Through my brief experience with POLY, I have witnessed the hard work and dedication of the past and present leadership. Being able to serve the Division in this capacity will provide the opportunity for more involvement in POLY and strengthen my relationship with the current members. I will be honored to serve our Division in this position with hard work and dedication if elected. I would appreciate your support in this election.

BIOGRAPHY: Toby Nelson is an Assistant Professor in the Department of Chemistry at Oklahoma State University. He received his B.S. in Chemistry from Francis Marion University (2001) and his Ph.D. in Organic Chemistry from the University of South Carolina (2007). From 2007 until 2011, he was an UNCF•Merck Postdoctoral Fellow in the Department of Chemistry at Carnegie Mellon University. His research is focused on the design and synthesis of organic semiconductors -electronic materials for organic electronics. Toby has been an ACS member for 13 years and a member of the Polymer Division for 5 years. He has served as a judge for the ACS POLY poster session.