



CANDIDATE FOR DISTRICT III DIRECTOR, 2018-2020



TERI QUINN GRAY

DuPont Performance Materials, Wilmington, Delaware

GRAY, TERI QUINN. *Delaware Section.* DuPont Performance Materials, Wilmington, Delaware.

Academic Record: Jackson State University, B.S. (ACS Certified Chemistry), 1987; University of Maryland, College Park, Ph.D., 1994; NRC Postdoctoral Research Associate, National Institute of Standards & Technology, 1995-97.

Honors: Strong, Smart and Bold Award, Girls Inc., Delaware, 2014; Willoughby Award for STEM Advocacy, Junior Achievement of Delaware, 2014; Woman of Achievement, Women of Color Research Sciences & Technology, Career Communications Group, Inc., 2003; Women in Science & Engineering (WISE) Honoree, National Academies of Science & Engineering, 1994.

Professional Positions (for past ten years): DuPont Performance Materials, Regional Technology Manager, 2015 to date; DuPont Crop Protection, New Product Commercialization Manager & 6s Black Belt, 2010-14; DuPont Crop Protection, Global Analytical Manager, 2004-10.

Service in ACS National Offices: Women Chemists Committee, 2001-13; Diversity & Inclusion Advisory Board, Chair, 2011-16; Joint Subcommittee on Diversity, Chair, 2010-11; Board-CPC Task Force on Governance Design, 2016 to date; Collaborative on Reimagining a Diverse Membership, 2016 to date.

Service in ACS Offices: Member ACS since 1989.

Member: National Organization of Black Chemists & Chemical Engineers. *ACS Divisions:* Analytical Chemistry; Professional Relations; Agrochemicals; and Business Development & Management.

Related Activities: Young Leaders Track, ACS Leadership Development Institute, Invited Speaker, 2014-16; Delaware State Board of Education, President, 2009 to date; Delaware STEM Council, Co-Chair, 2012 to date; Jobs for Delaware Graduates, Advisory Council, 2014 to date; University of Delaware Board of Trustees, 2009 to date; Delaware Foundation for Science & Math Education, 2010 to date; U.S. Education Delivery Institute, Board of Directors, 2012-16; Committee of Distinguished Advisors, Department of Chemistry & Biochemistry, University of Maryland, 2011-13; RISE External Advisory Committee, Jackson State University, 2004-06; Special Emphasis Review Panel, Chemistry & Biophysics SBIR/STTR, National Institutes of Health, 2002-05; Citizen Science Experiment Working Group, Heinz Center for Science, Economics & Environment, 2004; Meyerhoff Scholarship Program, University of Maryland Baltimore County, Mentor, 1997–2003.

STATEMENT

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

Relevance, Relationship, Reach

The American Chemical Society means a lot to me and has for a long time, since my early days as a SEED scholar and as an undergraduate at Jackson State University in Jackson, MS. I've been doing chemical research since high school which evolved into an ACS certified bachelor's degree in chemistry followed by graduate studies, postdoc and first job offers – all interwoven around phenomenal people and resources associated with the Society. My relationship with the ACS ranges from the very personal to sometimes tangential, exactly the liveness needed at different stages of my career. Every chemist and chemical professional deserves even better career experiences than my own – good for the individual, great for our profession, better for our collective progress as a nation. So, what can we do to engage more chemical professionals in ***a relationship with the ACS*** that is sustaining over the course of their careers enabling them to be viable in a fiercely competitive global marketplace?

Start where the ACS is already a powerful player...explore innovative ways of connecting existing committees/programs/services in K-12 education, college and careers to leverage relationships and redefine membership as a unique ACS experience.

We all know that skills and pathways employed just a few years ago, may very well not be sufficient for a successful career in the future given recent shifts in jobs, social norms, politics, and demographics across our communities and around the world. According to the Economics & Statistics Administration, STEM occupations are projected to grow by 17 percent from 2008 – 2018, compared to 9.8 percent growth for non-STEM occupations. Some of the world's greatest challenges – global water crisis, rapid climate change, population explosion – will require interdisciplinary STEM-based solutions of which skills and knowledge in the chemical sciences will be paramount. Furthermore, a new minority is on the horizon transforming the demographics of the workforce dramatically by 2050. America's racial and ethnic minorities made up about half of the under-5 age group in the 2012 US Census, and women are nearly 50% of the world population and

current US workforce. So, how can we **ensure the ACS is responsive and relevant** during these dynamic times of the 21st century?

Relevance for the ACS is an imperative and calls for reaching into the full capacity of all members and staff, aligning policies and practices with core values; reaching out to the emerging cohorts of Generation X, Y (millennials), and Z to build cross-generational strategies for long term sustainability of the Society.

I'm deeply committed to the core values and principles of the American Chemical Society, and yet sense we must be bolder in embracing the transformational trends of the 21st century. I know the power of the ACS and benefited from the relationships, relevant opportunities, and outreach afforded from my Society experiences. I'm compelled to pay it forward/give back to ensure the unique ACS experience is accessible for all chemical professionals and around for generations to come.