



FOR DIRECTOR, DISTRICT IV



BARRY J. STREUSAND

**Applied Analytical Inc., Austin, Texas, and
Texas State University, San Marcos, Texas.**

STREUSAND, BARRY J. *Central Texas Section.* Applied Analytical Inc., Austin, Texas, and Texas State University, San Marcos, Texas.

Academic Record: Texas A&M University, B.S., 1974; Marquette University, M.S., 1976; University of South Carolina, Ph.D., 1979.

Honors: ACS Fellow, 2013; ACS Committee on Economic and Professional Affairs, Salute to Excellence, 2011, 2008; ACS Central Texas Local Section, G.H. Ayres Award, 1997.

Professional Positions (for past 10 years): Applied Analytical, Inc., President/Founder, 1990 to date; Texas State University, Lecturer, 2014 to date.

Service in ACS National Offices: Committee on Science, 2012-15; Committee on Economic and Professional Affairs, 2004-11; Local Section Activities Committee, 1998-2003.

Service in ACS Offices: Member ACS since 1973. *Central Texas Section:* Councilor, 2013-16, 1997-2008; Chair, 1995-97; Chair-elect, 1994; Boy Scout Program Chair, 2003 to date. *Huron Valley Section:* Chair, 1985; Vice Chair, 1984; Treasurer, 1983.

Member: Coblenz Society; Society for Applied Spectroscopy. *ACS Divisions:* Analytical Chemistry; Business Development & Management; Industrial & Engineering Chemistry; and Small Chemical Businesses.

Related Activities: Chemistry Merit Badge at the Boy Scout National Jamboree, Overall Coordinator, 2013, 2010, Program Coordinator, 2006; STEM Program Chair, 2012-15; Texas A&M Hillel Corporate Board, President, 2008-12; ACS Career Workshop Presenter, 2012 to date; Capitol Area Council BSA, Executive Board, 2010 to date; ACS Small and Medium Business Webinar, 2009; NYOS Charter School Board, 1998-2002; Bandgap Technology Corporation, Broomfield, CO, Senior Member of the Technical Staff and Manager of Research, 1988-1990; AMAX Research and Development, Golden, CO, Senior Staff Chemist, 1986-1987; AMAX Materials Research Center, Ann Arbor, MI, Research Supervisor, 1984-1986, Senior Research Chemist, 1984, Senior Research Associate, 1980-1984; Center for Catalytic Science, Department of Chemical Engineering, University of Delaware, Postdoc, 1980.

STATEMENT

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

It is an honor to be nominated for the position of District IV Director and, if elected, a privilege to serve.

ACS is a complicated organization. It serves as the foremost publisher of scientific information, and as a conduit for its members to participate in the professional world of chemistry. It is both a non-profit business with annual operating revenues of about \$531 million as well as an avenue for our members to promote science in the world. It promotes legislation and public policy to guide our government toward a strong, innovative, and accurate picture of how government affects the practice and enterprise of science and at the same time provides resources to help our members enjoy successful careers.

Our Society is fortunate to have a membership that is intelligent, generous, and perceptive. It has a professional staff that is also exceptional in their various areas of expertise and reflects the needs and values of our members.

The key responsibility of the ACS Board of Directors is to balance all of these aspects in a way that reflects good stewardship, responsible management, and member concerns. We have a fast-changing world. A board member needs to recognize the complexity of our various interrelated missions and be able to consider issues from outside their personal sphere. We have a long history of this type of directors within our Society.

I come to this nomination with a professional history that includes entrepreneurship, industrial research and management, and recently, full time teaching at the university level. I have held significant leadership positions in other non-profit organizations. This gives me the combination of practicality and vision that ACS needs.

Several areas of focus for me are:

Career Management: The world of working in chemistry has changed. Our careers are more dynamic than in the past. We work for more companies, some of which may be small. It is less likely that our company will mentor our career. Therefore, career management has become an individual responsibility. ACS strongly promotes this through its career services and leadership offerings. A professional society can offer the networking, training, mentoring, and colleagues that may be lacking in today's workplace. The rise of smaller businesses means that we, as employees, may be one of few, or even the only, chemistry professionals in the company. Personal qualities such as "soft skills", leadership, and professionalism become more important. ACS needs to continue to improve the access to and quality of these services, which are delivered through both our members and professional staffs. Members helping members is an extremely valuable resource that needs to be promoted at the national, regional, and local levels of ACS.

Publications, etc.: ACS is one of the leading publishers of scientific information in a world that is changing. We need to continue to change with it to remain relevant. Not only are our publications valuable as sources of chemical knowledge, they provide the vast majority of revenue to the Society that allows us to continue our other efforts.

Public Policy: Our lives and careers as chemists are so dependent on national policies that ACS's efforts in the public policy arena gain increasing importance. We need to continue our efforts, not only to try to bring good science to policy decisions, but also to promote our member's views in areas such as careers and education.

Higher Education: Are we producing graduates with the skills, attitude, and flexibility that meets today's world needs? Until I began teaching a little over a year ago, I did not realize the strong influence that ACS accreditation has on the undergraduate curriculum. We should take a careful look at where chemists actually spend their careers and what they need to know to be successful in today's world. Simply producing graduates that are expected to morph into graduate students serves neither our students nor our world well.

National Meetings: Our national and regional meetings need to be accessible to as many of our members as possible. This is where we not only learn and network but also recognize our professionalism. These objectives can happen to some extent in local sections, but it is at national meetings that we recognize we are part of the same group of scientists that has brought so much to the world, and make the connections needed to continue that forward progress.

I would very much appreciate your support in my candidacy. Should I be chosen as a candidate, a website will be provided with additional information.