



## FOR DIRECTOR, DISTRICT V



**KENNETH P. FIVIZZANI**

**Retired, Nalco Company, Naperville, IL**

**FIVIZZANI, KENNETH P. *Chicago Section.*** Retired, Nalco Company, Naperville, Illinois.

**Academic Record:** Loyola University Chicago, B.S. Chemistry 1972; M.S. Inorganic Chemistry, 1976; University of Wisconsin-Madison, Ph.D. Inorganic Chemistry, 1981; University of St. Mary of the Lake - S.T.B. Theology 1974.

**Honors:** ACS Fellow, 2011; Tillmanns-Skolnick Award, ACS Division of Chemical Health and Safety, 2012; Chemical Health and Safety Fellow, 2004; Chemistry Alumni of the Year Award, Loyola University Chicago, 2012; Nalco Inventors' Hall of Fame (5 US Patents) 1993.

**Professional Positions** (for past ten years): Retired, Nalco Company, 2009; Research Scientist 2004-09; Technical Director 2000-02; Chemical Hygiene Officer 1990-2009; National Registry of Certified Chemists, Certified Chemical Hygiene Officer, 1997-2015.

**Service in ACS National Offices:** Committee on Chemical Safety, 2002-10, Chair, 2002-04, Committee Associate, 2001, Safety Culture Task Force 2011-12, Task Force for Safety Education Guidelines 2014-15; Committee on Community Activities, 2013-15, Committee Associate, 2011-12; Presidential Task Force on Chemical Hygiene Officer Certification, 1996-97.

**Service in ACS Offices:** Member of ACS since 1975. *Chicago Section:* Councilor, 2013-15, 2009-10; Alternate Councilor, 2007-08; Chair, 2010, 2007; Chair-Elect, 2009, 2006.

*Chemical Health & Safety Division: Chair, 2014, 2011, 2000; Chair-Elect, 2013, 2010, 1999; Co-Program Chair, 1996-99; Journal of Chemical Health & Safety, Board of Editors, 2000-15, Columnist, 2000-15.*

**Member:** Sigma Xi, 1984-2015. *ACS Divisions:* Chemical Health and Safety; and Inorganic Chemistry.

**Related Activities:** Chemical Safety Consultant, College of Chemistry, University of California, Berkeley, 2013; National Research Council Committee on Prudent Practices in the Laboratory, 2008-11; National Institute of Standards and Technology (NIST) Blue Ribbon Commission on Management and Safety (U.S. Secretary of Commerce), 2008 and 2010; Chair of Nalco Chapter of Sigma Xi, 1988-89; American Industrial Hygiene Association, 1992-2009; Industrial Research Institute Environmental Health and Safety Directors' Network 1995-2009, Chair 1999-2001. Forty-three technical presentations made at ACS National Meetings (CHAS, CHED, HIST, I&EC); three presentations at Regional Meetings.

### **STATEMENT**

*The following statement was provided by the candidate for the Council Agenda Book for the ACS National Meeting in Denver, CO. Each candidate will provide a statement for publication in C&EN in September 2015, which will also be accessible from here. The statements of the candidates represent their opinions and do not necessarily represent the views of the ACS.*

I appreciate the opportunity to stand for election as Director for District V. Although at times unglamorous and challenging, the work of the Board of Directors is crucial to the mission of ACS. The Board deals with routine details that can be found in any professional organization. The Board also approves official ACS policy within the Society and official statements released to other organizations or groups. As a member of Council who has served in leadership positions in a local section, a technical division, and a governance committee, I appreciate the activities, accomplishments and challenges of these organizations within ACS. I would be honored to serve the District V membership as Director. My experience is a starting point for what I would bring to this position. I am eager to learn more about how our Society functions and about any unmet needs our members may have.

**Members** – Our first obligation is to our membership, both present and future members. Technical journals, C&EN, national and regional meetings, employment services and career counseling are some of the traditional tools to assist members in developing a successful and enjoyable life as a chemist. We need to be vigilant in understanding the emerging needs of our membership. National research funding needs to be increased rather than used as a convenient target to solve budgetary problems. Too many midcareer members are searching for meaningful and satisfying employment in chemistry, the science they have supported and developed during their professional lives. These are talented and dedicated scientists. Can our continuing education programs provide technical updating about new opportunities in our profession? We must continue to publicize career counseling services and job networks available to our members. Local sections, technical divisions, and ACS committees should be active partners with respect to employment opportunities and concerns. Let's share our

successful strategies and employment programs. We should provide assistance to entrepreneurs who want to start new companies. Academic budgets for science programs must be maintained and increased wherever possible. The laboratory experience is an essential component of any chemistry curriculum; we must strongly resist any attempts to eliminate lab courses or rely entirely on electronic media to view the experiments. Our world's need for new science and technology is increasing; our colleges and universities provide the individuals who will help meet those needs. Some of these students will make up the future membership of the Society. Others will hold positions that may influence the funding and progress of science. Programs that encourage individuals from underrepresented groups to study chemistry must be supported enthusiastically.

**Community** – We should always strive to explain to those around us who we are and what we do. Chemistry has made a profound impact on our world. For every perceived problem that results from an unexpected or unwanted reaction or a release of a hazardous material, there are hundreds, maybe thousands of improvements in our world that are the result of new science and technology developed by chemists. Outreach programs such as National Chemistry Week and Chemists Celebrate Earth Day inform and enlighten the public about our work. Governmental units and private foundations also need to appreciate our contributions.

**Chemistry as the Central Science** – Science and technology are becoming more interdisciplinary. We understand how chemistry is fundamental to every broadly based development of technology. We should take every opportunity to highlight the innovations in chemistry that lead to new materials, products, and processes. The ACS has a history of providing concise descriptions of the uses of common chemicals (think of Molecule of the Week or What's That Stuff?). We could disseminate information about news-making materials used in breakthrough technology. Such information could be used in chemistry classes to emphasize that the science of chemistry remains vital to making our lives better, safer, and happier (i.e., "Improving people's lives through the transforming power of chemistry"). Excellence in chemistry that solves problems and creates opportunity is the legacy we want to leave to future generations. I look forward to doing whatever I can to contribute to that legacy.