

**For IEEE Region Delegate-Elect/Director-Elect, 2015-2016  
IEEE Region Delegate/Director, 2017-2018  
Region 6 (Western USA)**



**KATHLEEN A. KRAMER**

(Nominated by IEEE Region 6)

Professor of Electrical Engineering  
University of San Diego  
San Diego, California, USA  
[www.kathleenkramer.org](http://www.kathleenkramer.org)

Kathleen A. Kramer is a Professor of Electrical Engineering at the University of San Diego, San Diego, CA. She worked to develop new engineering programs as a founding member of the faculty and eventually became the chair of electrical engineering, and then serving as Director of Engineering (2004-2013), providing academic leadership for all of the university's engineering programs. She has also been a Member of Technical Staff at several companies, including ViaSat, Hewlett Packard, and Bell Communications Research. Author or co-author of over 100 publications, she maintains an active research agenda and has recent publications in the areas of multisensor data fusion, intelligent systems, and neural and fuzzy systems. She received the B.S. degree in electrical engineering magna cum laude with a second major in physics from Loyola Marymount University, and the M.S. and Ph.D. degrees in electrical engineering from the California Institute of Technology.

**IEEE Accomplishments and Activities**

(S'88-M'90-SM'01)

**COMMITTEES/BOARDS:**

- Board of Governors IEEE Aerospace Electronics Systems Society: Member, (2012-present)
- IEEE Committee on Engineering Accreditation Activities: Member, (2011-present)
- IEEE-appointed Engineering Accreditation Commission ABET Program Evaluator for Electrical Engineering and Computer Engineering Programs, (2002-present)

My most significant recent IEEE service has been as a leader in IEEE accreditation activities, supporting academic programs and the work of other IEEE ABET program evaluators. I join the Engineering Accreditation Commission representing IEEE in July 2014. As a Member of the Board of Governors of the Aerospace Electronics Systems Society, I represent technical interests important to the region.

**REGIONS/SECTIONS/CHAPTERS:**

- San Diego Chapter of the IEEE Aerospace Electronics Systems: Chair, (2010-present); Vice-Chair, (2008-2009)
- Region 6 Southwest Area: Awards Chair, (2003-2004)
- IEEE San Diego Section: Chair, (2002); Vice-Chair Publicity (2001); Vice-Chair Programs (2000); Secretary (1999); Treasurer (1998); Past Chair, (2003-2004)

I have been a section officer since 1998, working to make IEEE more relevant to its members. As a section chair, the number of technical society chapters in my section grew. During the year that I was section vice-chair of publicity, I was able to transform the section's monthly newsletter from the largest annual expense of the section into a revenue-generating activity.

#### STUDENT BRANCHES:

- IEEE Student Branch at the University of San Diego: Branch Counselor, (1997-2001).

My work with IEEE as an officer led from my involvement as a student branch counselor, enabling the students building involvement with its local section and region area activities.

#### SOCIETIES:

- Board of Governors IEEE Aerospace Electronics Systems Society: Member, (2012–present)
- San Diego Chapter of the IEEE Aerospace Electronics Systems: Chair, (2010–present)
- Member of these societies and groups: IEEE Aerospace Electronic Systems Society, IEEE Communications Society, IEEE Instrumentations & Measurement Society, IEEE Education Society, and the IEEE Women in Engineering organization.

### **Statement**

IEEE is the world's largest professional association, and Region 6 has long been by far the largest region in the US, both by geography and by membership. Region 6 has been the region of many of the companies behind the most transformative technical developments of this millennium. IEEE's vision of advancing technology for the benefit of humanity relies upon having a global perspective, but the diversity and impact of efforts within our region require collaboration of efforts at many levels.

I welcome the opportunity that the IEEE REGION 6 DIRECTOR-ELECT position offers to build upon my experience with the various constituencies and members at all levels of IEEE. My overall goal is to support and serve Region 6 and its members through collaborations within and for our region that enhance knowledge while advancing professional development and benefitting society, ensuring that the high value of membership is visible to the members of Region 6 and represented well to our constituents in industry and the community.