

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



CANDIDATE NAME: William A. Gruver

BIOGRAPHY: Dr. William A. Gruver was a highly accomplished academic and professional engineer who voluntarily made extensive contributions to the development of IEEE throughout his long and illustrious career. The focus of his work in both academia and industry was robotics and intelligent manufacturing systems. Bill's remarkable achievements in these areas were ultimately recognized by the highly prestigious Norbert Wiener Award from the IEEE Systems, Man, and Cybernetics (SMC) Society. As a highly respected Professor of Engineering Science at Simon Fraser University and earlier at the University of Kentucky, Bill and his research team generated leading-edge research results that were presented at a number of IEEE Conferences and published in SMC and IEEE journals. His vast industrial experience in the USA, Germany, and Canada were essential in strengthening IEEE through his encouragement of industry and academia to support IEEE. Bill played impressive leadership roles within the IEEE SMC Society and TAB.

CITATION:

For pioneering efforts to include new technologies in IEEE TA, and for exploring social media with young professionals.

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO THE CREATION, DEVELOPMENT, and OR ADVANCEMENT OF THE TECHNICAL OBJECTIVES OF THE IEEE:

Dr. Gruver's major accomplishments related to the creation, development, and advancement of the technical objectives of the IEEE include:

- Development of the RFID initiative and other new technologies, both within TAB, IEEE, and the IEEE SMC Society, and establishment of the DL program for CRFID;
- Establishment of IEEE's social media in China and elsewhere in Asia;
- Promotion of TAB and IEEE in Region 10;
- Involvement of young professionals in TAB and IEEE.

William Gruver had interests in multi-agent systems, RFID systems, intelligent trading systems, and robot control. He was an IEEE Fellow, past IEEE Division Director, past President of the SMC Society, SMCS representative to the Council on RFID, founding officer of the IEEE Robotics and Automation Society, member of many IEEE and TAB committees, including editorial board member of IEEE Transactions, and served as distinguished lecturer of the IEEE SMC Society. He also led efforts to capitalize on IEEE's China social media, including working with the IEEE Beijing Office in obtaining a grant to explore social media with students in China.

Bill was elected IEEE Fellow for "leadership of major international programs in robotics and manufacturing systems engineering", awarded the 2013 IEEE SMCS Norbert Wiener Award for "significant international contributions to the research

and practice of robotics and intelligent manufacturing systems”, and received the 2014, 2007, and 1996 IEEE SMC Outstanding Contribution Awards for major contributions to the IEEE SMC Society.

DATE(S) OF ACCOMPLISHMENT(S): 1984–2016

RELEVANT IEEE ACTIVITIES:

IEEE:

IEEE Division Director, 2007–08

IEEE Division Director-Elect, 2006

Member, IEEE Board of Directors, 2007–08

Member, IEEE Awards Board, 2008

Member, IEEE Compensation Committee, 2008

Member, IEEE Business Management Systems Committee, 2008

Member, IEEE Member and Geographic Activities Board, 2009

Member, IEEE Finance & Inequities Ad Hoc Committee, 2009

Member, IEEE IT Transition AdHoc Committee, 2009

Member, IEEE Governance Committee, 2010

Member, Administrative Committee, IEEE Technical Management Committee, 2012–2016.

TAB:

Member, IEEE Technical Activities Board, 2004-05

Member, Nominations & Appointments Committee, IEEE Technical Activities Board, 2007–08

Member, Membership Development Committee, IEEE Technical Activities Board, 2006.

Member, New Technology Directions Committee, IEEE Technical Activities Board, 2006–08

Member, Systems Council Committee, IEEE Technical Activities Board, 2004–05

Member, Strategic Planning Committee, IEEE Technical Activities Board, 2012–2016.

SOCIETIES:

President, IEEE Systems, Man, and Cybernetics Society, 2004-05

Junior past President and Nominations Chair, IEEE Systems, Man, and Cybernetics Society, 2006-07

Senior Past-President and Awards Chair, IEEE Systems, Man, and Cybernetics Society, 2008–09

Vice President of Publications, IEEE Systems, Man, and Cybernetics Society, 1994–95

Vice President of Conferences and Meetings, IEEE Systems, Man, and Cybernetics Society, 1996-97

Vice President of Long Range Planning and Finance, IEEE Systems, Man, and Cybernetics Society, 2002-03

Secretary, Robotics and Automation Council, 1984–86

Member, AdCom, Robotics and Automation Society, 1988–92.

Member, IEEE CRFID AdCom, 2009–2016
Chair, IEEE CRFID Distinguished Lecturer Program AdHoc Committee, 2011–12
AdCom/Board of Governors, IEEE Systems, Man, and Cybernetics Society, 1990-92,
2001–03
Member, Conference Board, IEEE Robotics and Automation Society, 1993–96.

CONFERENCE LEADERSHIP:

General Chair, 1994 IEEE International Conference on Robotics & Automation, San Diego, CA, USA, May 1994
General Chair, 1995 IEEE International Conference on Systems, Man, and Cybernetics, Vancouver, Canada, October 1995
General Chair, 2014 International Conference on Systems, Man, and Cybernetics (SMC 2014), San Diego, CA, USA, October 2014.
Chair, Student Competition, 2010 IEEE RFID-TA, Guangzhou, China