

Steven C. Reising is Full Professor in Electrical and Computer Engineering at Colorado State University (CSU) since July 2011, where he served as Associate Professor from 2004 to 2011. Before joining the CSU faculty in 2004, he served as Assistant Professor in Electrical and Computer Engineering at the University of Massachusetts Amherst from 1998 to 2004 and received tenure. Dr. Reising received the Ph.D. degree in electrical engineering from Stanford University in 1998, where he was supported by a NASA Earth Systems Science Fellowship and advised by Prof. Umran S. Inan. Previously, he received the B.S.E.E. (magna cum laude) and M.S.E.E. degrees in electrical engineering from Washington University in St. Louis. He served as a Summer Faculty Fellow for three years in the Remote Sensing Division of the Naval Research Laboratory in Washington, DC. For the first six months of 2014, Dr. Reising was a Visiting Faculty Member of the Sorbonne Universities, University of Paris VI, *Université Pierre et Marie Curie*, Paris, France.

Dr. Reising's research interests span a broad range of remote sensing disciplines, including microwave remote sensing of the Earth's atmosphere and oceans, Earth science measurements from nanosatellites and CubeSats, passive remote sensing (radiometer) systems from microwave to sub-millimeter-wave and THz frequencies (18-880 GHz), low-noise monolithic microwave integrated circuit (MMIC) design and packaging, lidar systems for sensing temperature and winds in the middle and upper atmosphere, lighting-ionosphere interactions and atmospheric electrodynamics. He has served as principal faculty advisor for 16 M.S./Ph.D. students who have completed their degrees during the past 16 years and are now employed in universities, industry and government laboratories in the U.S., Europe and Asia. He has been Principal Investigator of 14 grants from NASA, National Science Foundation (NSF), Department of Defense, Office of Naval Research, Naval Research Laboratory, NPOESS Integrated Program Office, Ball Aerospace & Technologies Corp., and the European Space Agency.

Dr. Reising received the 2015 George T. Abell Outstanding Research Faculty Award from the College of Engineering at Colorado State University. In 2016, he received the Outstanding Service Award from the U.S. National Committee of the International Union of Radio Science (USNC-URSI), presented at the Plenary Session of the 2016 National Radio Science Meeting in Boulder, CO. Dr. Reising received the NSF CAREER Award (2003-2008) in the areas of physical and mesoscale dynamic meteorology, and the Office of Naval Research Young Investigator Program (YIP) Award (2000-2003) for passive microwave remote sensing of the oceans. His Ph.D. student Sharmila Padmanabhan received the Second Prize Student Paper Award at IGARSS 2003 in Toulouse, France, as well as the URSI Young Scientist Award at the General Assembly in New Delhi, India, in 2005. Dr. Reising won the URSI Young Scientist Award at the General Assembly in Toronto, Canada, in 1999. While at Stanford, he received First Place in the USNC-URSI Student Paper Competition at the 1998 National Radio Science Meeting in Boulder, Colorado.

Dr. Reising has been a Senior Member of the IEEE since 2004 and currently serves as the Vice President of Information Resources (2011-present) and an elected Administrative Committee (AdCom) Member (2003-present) of the IEEE Geoscience and Remote Sensing Society (GRSS), as well as the Inter-Society Committee Chair (2015-present) and elected AdCom Member (2014-present) of the IEEE Microwave Theory and Techniques Society (MTT-S). Previously, he served the IEEE GRSS as the Vice President of Technical Activities (2008-2010), Editor of the GRSS Newsletter (2000-2002) and Associate Editor for University Profiles (1998-2000). He was a founding member of the editorial board of the *IEEE Geoscience and Remote Sensing Letters* (GRSL), with an Impact Factor of 1.8 in 2013, and served as Associate Editor from 2004 to 2013. He has been a Guest Editor of four Special Issues of the *IEEE Transactions on Geoscience and Remote Sensing* (TGRS), with an Impact Factor of 4.7 in 2017.

Dr. Reising served the USNC-URSI as Secretary (2009-2011), Chair (2012-2014) and Immediate Past Chair (2015-2017) of all ten URSI Commissions (10 separate scientific and technical areas). He chaired the first three URSI International Student Paper Prize Competitions at the URSI General Assemblies and Scientific Symposia held in Chicago, Illinois in 2008; Istanbul, Turkey in 2011; and Beijing, China in 2014. Prior to that, he chaired the USNC-URSI Student Paper Prize Competition from 2004 to 2008 and at the URSI North American Radio Science Meeting in Ottawa in 2007. In addition, he served as Technical Program Co-Chair for the USNC-URSI National Radio Science Meetings held each January in Boulder, Colorado, from 2010 to 2014. Dr. Reising is a member of URSI Commissions F, G, and H, the American Meteorological Society, the American Geophysical Union, Tau Beta Pi and Eta Kappa Nu.