

Dr. Gary W. Hunter is Branch Technology Lead in the Sensors and Electronics Branch and the Technical Lead for the Chemical Species Gas Sensors Team at NASA Glenn Research Center. Since his arrival at NASA Glenn in 1990, Dr. Hunter has been involved with the design, fabrication, and testing of sensors esp. chemical species gas sensors. He has worked closely with Case Western Reserve University (CWRU) for 9 years developing a range of sensor technologies using a number of different sensor materials and sensing approaches. He has been active in the application of the resulting sensor technology both in NASA and industry. In 1995, he received an R&D 100 with CWRU and others for development of an Automated Hydrogen Leak Detection System which has been used on the Ford automotive assembly line. The hydrogen sensor designed and fabricated by NASA Glenn/CWRU has been demonstrated twice on the Space Shuttle. Dr. Hunter has taught a short course on chemical sensing technology for three years at Sensors Expo and co-authored a book chapter. He has been awarded the Silver Snoopy (2000), NASA Exceptional Achievement Medal (1998), NASA Group Achievement Award (1998), and Space Flight Awareness Award (1997). Dr. Hunter is also a member of the Electrochemical Society Sensors Group.