OHIO UNIVERSITY WINNERS OF THE WILLIAM E. JACKSON AWARD

2021 – Andrew Videmsek, Russ College of Engineering and Technology of Ohio University, Aircraft Based GPS Augmentation Using an On-Board RADAR Altimeter for Precision Approach and Landing of Unmanned Aircraft Systems
2018 – Pengfei (Phil) Duan, Ohio University, Predictive Alerting for Improved Aircraft State Awareness
2017 – Adam Naab-Levy, Ohio University, Enhanced Distance Measuring Equipment Data Broadcast Design, Analysis, Implementation, and Flight-Test Validation
2014 - Dr. Kuangmin Li, Ohio University, Enhanced Distance Measuring Equipment Carrier Phase
2007 – Dr. Sanjeev Gunawardena, Ohio University, Development of a Transform- Domain Instrumentation Global Positioning System Receiver for Signal Quality and Anomalous Event Monitoring
2006 – Dr. Jacob L. Campbell, Ohio University, Application of Airborne Laser Scanner to Aerial Navigation
1998 – Dr. Chris G. Bartone, Ohio University, Ranging Airport Pseudolite for Local Area Augmentation Using the Global Positioning System
1997 - Dr. Dennis Akos, Ohio University, A Software Radio Approach to Global Navigation Satellite System Receiver Design
1994 - Dr. David Diggle, Ohio University, Satellite-Based Positioning Systems for Flight Reference and Aircraft Autoland Operations
1992 - Michael S. Braasch, Ohio University, On the Characterization of Multipath Errors in Satellite-Based Precision Approach and Landing Systems
1989 - Frank van Graas, Ohio University, Hybrid GPS/Loran-C: A Next Generation of Sole Means Air Navigation
1988 - Sally A. Mathias, Ohio University, Development of Siting Criteria for the Collocation of the Microwave Landing System (MLS) and the Approach Lighting System (ALS)
1987 - Sanjaya Sharma, Ohio University, Error Sources Affecting Differential or Ground Monitored Operation of the Navstar Global Positioning System
1983 - Fujiko Oguri, Ohio University, Area Navigation Implementation for a Microcomputer-Based Loran-C Receiver
1982 - Joseph P. Fischer, Ohio University, A Microcomputer-Based Position Updating System for General Aviation Utilizing Loran-C
1981 - Kent A. Chamberlin, Ohio University, Investigation and Development of VHF Ground-Air Propagation Computer Modeling including the Attenuating Effects of Forested Areas for Within-Line-of-Sight-Propagation Paths