

## **I. Awards won by groups and individuals for research, development and/or application (2009-2014)**

### **2014**

#### **White House Presidential Early Career Award for Scientists and Engineers**

Adam Clark (NSSL/CIMMS), for pioneering contributions to the study of forecast-system predictability, significant mentoring of students, and building bridges between the different components of the weather enterprise.

#### **National Weather Association Operational Achievement Individual Award**

Lans Rothfus, “for passion and dedication to the science of meteorology which have led to numerous innovations in the NWS throughout his career, and for maintaining a visionary influence on the future of operational meteorology.”

#### **American Geophysical Union Fellow**

W. David Rust, for outstanding contributions to our understanding of lightning and the electrical nature of storms and to the development of mobile observing systems.

#### **Department of Commerce Gold Medal**

Office of Science and Technology, Office of Operational Systems, Office of Climate, Water and Weather Services, and National Severe Storms Laboratory, for “developing and implementing Dual-Polarization technology on the Next Generation Weather Radar network to improve weather hazards warning services.”

#### **Department of Commerce Gold Medal**

Dave Jorgensen (NSSL), Erica D. Kuligowski (NIST), Franklin T. Lombardo (NIST), and Long Thanh Phan (NIST), for conducting the Federal investigation of the 2011 Joplin Tornado. Their study of building performance, warnings, and human behavior resulted in 16 recommendations to save lives and reduce losses.

#### **NOAA Distinguished Career Award**

Richard J. Doviak, “for development of breakthrough radar methods that have greatly enhanced operational severe weather detection and advanced meteorological research.”

#### **NOAA Distinguished Career Award**

David J. Stensrud, “for exemplary service as a brilliant scientist, inspiring mentor, and generous collaborator in 28 years with the National Severe Storms Laboratory.”

#### **NASA Robert H. Goddard Award for Exceptional Achievement in Science**

Pierre Kirstetter, Jonathan Gourley and Yang Hong, for contributing to the success of the Global Precipitation Measurement (GPM) Ground Validation Team.

### **2013**

#### **AMS Editor's Award**

Jonathan J. Gourley, for *Journal of Hydrometeorology*.

**National Weather Association Special Lifetime Achievement Award**

Charles A. Doswell III, "for his exceptional service and contributions to the operational forecasting and research communities through high-quality scientific research, educational workshops, and mentorship of colleagues and students."

**NOAA Technology Transfer Award**

Travis Smith (NSSL/CIMMS), Kiel Ortega (NSSL/CIMMS), Greg Stumpf (MDL), Kevin Manross (NCAR), Valliappa Lakshmanan (NSSL/CIMMS), Karen Cooper (INDUS), Madison Miller (NSSL/CIMMS), John Cintineo (University of Wisconsin-CIMSS) and David Jorgensen, were recognized "for leading the development of an on-demand, near real-time, web-based tool for tracking severe weather and hail swaths across the continental US."

**2012**

**Kenneth C. Spengler Award**

NOAA Hazardous Weather Testbed Team—David Bright (NWS), Greg Carbin (SPC), Michael Coniglio, John Kain, Jason Levit (NWS), Jay Liang (SPC), Russell Schneider (SPC), Steven Weiss (SPC)—For bringing the government, academic, and private sectors together in a visionary, proactive, and exemplary manner to deal with the challenges posed by hazardous weather.

**AMS Editor's Award**

Adam J. Clark, for *Weather and Forecasting*.

**American Geophysical Union Editor's Award**

Alex Fierro, for *Geophysical Research Letters*, "excellence in refereeing."

**OAR Dr. Daniel L. Albritton Outstanding Science Communicator Award**

Harold Brooks, "in recognition of outstanding achievement in communicating the meaning and value of NOAA-related science and research to non-scientific audiences. The award is named in honor of Dr. Daniel Albritton, a retired OAR scientist who proved to be one of the most effective communicators of NOAA research and related science."

**Council of NOAA Fellows**

Dusan Zrnica

**2011**

**Department of Commerce Gold Medal**

NSSL/CIMMS Radar Research and Development Division, for "scientific and engineering excellence in adapting military phased array radar technology to improve U.S. weather radar capabilities."

**NOAA Distinguished Career Award: Scientific Achievement**

W. David Rust, "for contributions to the understanding of lightning and storm electrification and to the development of mobile storm observing systems."

**NOAA Bronze Medal**

Kenneth Howard, Jian Zhang (NSSL/CIMMS), Jonathan J. Gourley and Steven V. Vasiloff, “for the design and implementation of a seamless gridded system for multi-sensor-derived precipitation estimation over the continental U.S.”

**NOAA Bronze Medal**

Rodger A. Brown, Vincent T. Wood, Charles Parish, Scott Enders, Sallie Ahlert, Keith Peabody, Christina Horvat, Michael Weeks, Zack Jing, “for excellence in transferring research to operations and providing a new WSR-88D radar capability that significantly enhanced forecast operations.”

**NOAA Research Outstanding Scientific Paper**

Matthew Kumjian and Alexander Ryzhkov (NSSL), for Storm-Relative Helicity Revealed from Polarimetric Radar Measurements, *Journal of Atmospheric Sciences*, 2011.

**INDUS Excellence Award**

James Murnan, NSSL videographer

**2010**

**World Meteorological Organization Dr. Vilho Vaisala Award for an Outstanding Research Paper**

Pamela Heinselmann, David Priegnitz (NSSL/CIMMS), Kevin Manross (NSSL/CIMMS), Travis Smith (NSSL/CIMMS) and Richard Adams (NSSL/CIMMS), for “Rapid Sampling of Severe Storms by the National Weather Radar Testbed Phased Array Radar.” *Weather and Forecasting*, 2008.

**AMS Editor's Award**

Jack Kain, for the *Monthly Weather Review*.

**NOAA Technology Transfer Award**

Dusan Zrnica, for developing a method that allows for faster updates of dual-polarized data without losing function, and provides significant cost savings.

**NOAA Distinguished Career Award: Sustained Career Excellence**

Robert Davies-Jones, “for scientific achievements in the application of observations and theory to the understanding of the dynamics of severe convective storms and tornado genesis mechanisms.”

**NOAA Employee of the Month**

Alan Zahrai

**NOAA Research Employee of the Year Award**

Kurt Hondl

**2009**

**AMS Remote Sensing Prize**

Dusan Zrnica, for “pioneering and substantial contributions to improvements of meteorological radars for both research and operational applications.”

**AMS Cleveland ABBE Award**

Bob Maddox, second NSSL Director, was honored “for a lifetime of service to Atmospheric Science through seminal contributions to scientific research, inspirational leadership, and exemplary program management that promoted important interactions between research and operations.”

**Cooperative Conservation Award**

Suzanne Van Cooten, for the protection of aquifer resources in Oklahoma.

**NOAA Research Outstanding Paper Award**

Pamela Heinselman, David Priegnitz (NSSL/CIMMS), Kevin Manross (NSSL/CIMMS), Travis Smith (NSSL/CIMMS) and Richard Adams (NSSL/CIMMS), for "Rapid Sampling of Severe Storms by the National Weather Radar Testbed Phased Array Radar." *Weather and Forecasting*, 2008.

**COMET Hall of Fame**

Don Burgess, in recognition of outstanding contributions to professional training, and contributing to the success of the Cooperative Program for Operational Meteorology, Education and Training program.