Evelyn Gilbert Unsung Hero Award
Susan Sharp (Sociology) has received the Evelyn Gilbert Unsung Hero Award by the Academy of Criminal Justice Sciences.

ARM Site Scientist Paper Highlighted by the ARM Program
The paper titled “Investigation of Large-Scale Atmospheric Moisture Budget and Land Surface Interactions over U.S. Southern Great Plains including for CLASIC (June 2007)” appeared in the December 2012 issue of the Journal of Hydrometeorology. The authors are P.J. Lamb and D.H. Portis (CIMMS), and A. Zangvil (Ben-Gurion University of the Negev, Israel). CLASIC (Cloud and Land Surface Interaction Campaign) was an important 3-week long ARM Campaign that involved many different observing platforms. In addition to providing the first definitive documentation of the atmospheric water budget and land-atmosphere interactions for the agriculturally important May-June period over the U.S. Southern Great Plains, the study also indicates that most of the goals and objectives of CLASIC were not compromised by CLASIC occurring during the wettest June on record for Oklahoma. For more information, go to http://www.arm.gov/science/highlights/RNDU1/view.

Stamp Issued Honoring CONCORDIASI
The French government issued a 1 Euro stamp honoring the international atmospheric research project called CONCORDIASI. The project took place in three measurement phases over and near Antarctica during 2008-2010. David Parsons (Meteorology) participated in the design of CONCORDIASI and was the lead author of the successful overview proposal to the National Science Foundation (NSF) that led to the funding of the U.S. contribution to the experiment. Drs. Parsons and Steven Cavallo (Meteorology) and two graduate students, James Russell and Matt Elliott, have been funded by NSF to conduct research using this data set.

CONCORDIASI was a major multidisciplinary project designed to investigate and improve the current ability to characterize and predict atmospheric conditions over Antarctica for weather and climate. CONCORDIASI took place during September-November 2008, December 2009 and September-December 2010. The measurement strategy of CONCORDIASI during the third period included a constellation of twenty stratospheric super pressure balloons deployed by France’s space agency (Centre National d’Etudes Spatiales, CNES) that carried a variety of sensors and deployed ~640 sensor packages (dropsondes) that fell to the earth and measured vertical profiles of wind, temperature, pressure and humidity.
President’s Monthly Research and Development Highlights

School of Art

*Wandering Boundaries*, an exhibition featuring work by artists and recent Fulbright Scholars Joan Phillips (Art & Art History) and Erin Treacy opened on February 20, 2013. The exhibition will be on display through March 7, 2013 at the School of Art & Art History’s Lightwell Gallery. The exhibition will also feature a collaborative piece by Irish artist Lesley Wingfield and Atlanta-based dancer Amelia Reiser.

Paul Moore (Art & Art History Artist-in-Residence) had a larger than life bust of President John F. Kennedy placed in the John F. Kennedy Presidential Library and Museum in Columbia Point, Boston, Mass.

Publications


**Academy of Microbiology Fellow**

Tyrrell Conway (Microbiology and Plant Biology) has been elected to Fellowship in the American Academy of Microbiology.

**Science Team Members Selected by NASA GPM**

Drs. Yang Hong, Pierre Kirstetter, Qing Cao (OU CEES/ARRC) and Dr. Jonathan Gourley (NOAA/NSSL) have been selected by NASA Global Precipitation Measurement (GPM) mission as Science Team Members. As PI, Science PI and Co-PI, Hong and his team's three proposals have been selected by NASA Headquarter Precipitation Science Program for the 2013-2016 period. GPM is an international network of satellites that provide the next-generation global observations of rain and snow. The GPM concept centers on the deployment of a “Core” satellite carrying an advanced radar / radiometer system to measure precipitation from space and serve as a reference standard to unify precipitation measurements from a constellation of research and operational satellites. Through improved measurements of precipitation globally, the GPM mission will help to advance our understanding of Earth's water and energy cycle, improve forecasting of extreme events that cause natural hazards and disasters, and extend current capabilities in using accurate and timely information of precipitation to directly benefit society. The GPM Core Observatory is scheduled for launch in early 2014.

**Faculty Recognition**

Kim Josephson (Music) is performing with the Tulsa Opera during February-March 2013.

Scott Linn (Finance & Economic Development) was the keynote speaker at the 17th New Zealand Finance Colloquium held on February 7-8, 2013. His address focused on the relative problems and costs that arise as organizations develop from the one-owner one-manager model into more complex ownership and management structures and his research in the area.

Mark Lucas (Music) was recently elected to the Advisory Board for the Music Educators Journal.

Afshin Marashi (International and Area Studies) delivered the honorary "Dinshah Irani Memorial Lecture" at the Cama Oriental Institute in Mumbai, India, on January 11th, 2013. The Cama Oriental Institute is the foremost Zoroastrian Studies library and archive in the world.
January New Awards

- **Boon Leng Cheong**
  Advanced Radar Research Center
  “A.I. Image Processing - Step 3”
  Weathernews
  $102,349

- **Sesh Commuri**
  School of Electrical Engineering
  “Design and Analysis of Concrete Underlayment Apparatus”
  HGC
  $15,492

- **Xinyu Dai**
  Department of Physics & Astronomy
  “Energy Dependent X-ray Microlensing and the Structure of Quasars”
  NP-SA0
  $50,700

- **Victoria Duca-Snowden**
  NASA Space Grant Consortium
  “Advanced Digital Radar Techniques for the Next Generation of Synthetic Aperture Radar (SAR) and Student Training”
  NAS-HDQ
  $792,500

- **Sarah Ellis**
  School of Music
  “The Beethoven String Quartets: A Concert Series”
  NP-NAHC
  $1,500

- **Nathan Goodman**
  School of Electrical Engineering
  “Adaptive Exploitation of High-Frame-Rate Radar Imagery for Detection and Tracking of Dismounts”
  DOD-ARP
  $171,818

- **Jason Julian**
  Department of Geography
  “Land Management Impacts on Water Quality in New Zealand across Political Boundaries”
  NAS-HDQ
  $91,640

- **Jeffrey Kelly**
  Oklahoma Biological Survey
  “Movement Patterns of Hawaii’s Forest Birds based on Analysis of Stable Isotope Signatures”
  DOI-USG
  $43,987

- **Mukremin Kilic**
  Department of Physics & Astronomy
  “Extremely Low-Mass White Dwarfs with Neutron Star Companions”
  NP-SA0
  $25,569

- **Fanyou Kong**
  Center for Analysis & Prediction of Storms
  “Further Development of the Storm-Scale Numerical Weather Prediction Capability for Shenzhen Meteorological Bureau”
  IN-SIATCAS
  $250,976

- **Christian Lemon**
  Department of Biology
  “Taste and Oral Sensory Processing in the Brain (Transfer)”
  HHS-NIH
  $105,407

- **Bor-jier Shiau**
  School of Petroleum & Geological Engineering
  “Reduction of Uncertainty in Surfactant-Flooding Pilot Design using Multiple Single Well Tests, Fingerprinting, and Modeling”
  NP-RPSEA
  $1,036,205

- **Daniel Simon**
  World Literature Today
  Image & Word: A Special Issue of WORLD LITERATURE TODAY Magazine Devoted to Photography and Literature”
  OF-NEA
  $15,000
January New Awards

- **John Wisniewski**
  Department of Physics & Astronomy
  “Crossing the Snow Line: Mapping Ice Photodesorption Products in the Disks of Herbig Ae-Fe Stars”
  NP-STSCI
  $25,800

- **Jody Worley**
  Department of Human Relations
  “Community Indicators for Child Vulnerability to Abuse and Neglect: Development of a Model for Tracking Crisis Indicators and Utilization of System Services”
  NP-TCCPC
  $8,255