USA Fellows Award

Edgar Heap of Birds (Native American Studies) is the recipient of the USA Fellows award for 2012.

Student Sculptures from Art & Art History

The School of Art & Art History and MAINSITE Contemporary Art: Home of the Norman Arts Council are partnering to help students gain valuable experience outside of the university and within the Norman arts community. Jonathan W. Hils (Art) approached the Norman Public Art Board about creating a project where his students could make outdoor sculptures to display around the city as a practical experience in working with public art projects.

Hils’ students have been creating steel sculptures for the program since late September. Each piece is roughly 6 feet tall and no larger than 30 inches in width and depth. The students generated proposals in a similar fashion to how the NPAB sends out calls to artists. Half-scale models were made and submitted with an accompanying written proposal outlining their inspiration and the reasoning for their art. Robert Ahboah, Chris Fleming, Helen Harris and Lauren Turner’s sculptures were selected and installed on Nov. 20, 2012 at Lions Park next to the Firehouse Art Center on Flood Avenue in Norman.

Europe’s Largest Weather Field Project

OU ARRC/CEES scientist Dr. Pierre Kirstetter and NOAA/NSSL Dr. Jonathan Gourley have been invited to participate in the Hydrological Cycle in the Mediterranean Experiment (HyMeX), the largest weather field research project in European history. HyMeX is a 10-year international effort to better understand, quantify and model the hydrologic cycle in support of improved forecasts and warnings of flash floods in the Mediterranean region. Improved understanding of the land, atmosphere and ocean interactions that contribute to flash flooding in this part of the world will advance the state of the science that will ultimately be represented in forecast models with application in the United States.
President’s Monthly Research and Development Highlights

2012 Outstanding Journal Article Award

Drs. Deniz Eseryel and Xun Ge (Educational Psychology) received the 2012 Outstanding Journal Article Award from the Association for Educational Communications and Technology (AECT) for the following article they published along with Fulbright Scholar-in-Residence Dr. Dirk Ifenthaler and Ph.D. student (who is now graduated) Dr. Victor Law.


Hurricane Sandy: Saving Lives II

Scott Hodgson (Media Arts, Journalism and Mass Communication) is producing the second in a series of mini-documentaries demonstrating the value of news coverage by local broadcasters before, during, and after a disaster. The Broadcast Education Association and the National Association of Broadcasters teamed Hodgson with Dr. Chandra Clark of the University of Alabama for the second time to conduct interviews and coverage following Hurricane Sandy. Their first partnership was for their award-winning documentary following the 2011 tornados that devastated Tuscaloosa and Joplin.

Filming took place November 13-21, 2012 in the New York, New Jersey, Philadelphia, Baltimore, and Washington, D.C. markets. The crew of graduate and undergraduate students from both universities conducted 33 post-hurricane interviews of anchors, reporters, meteorologists, news directors and general managers at 14 different radio and television stations for an account of broadcasters’ response to the storms, as well as compiled footage and audio stories from those different markets.
Rotary International's Group Study Exchange Program

Owen Kulemeka (Strategic Communication) has been selected to participate in Rotary International's Group Study Exchange Program. The program is a cultural and vocational exchange opportunity for professionals between the ages of 25 and 40 who are in the early stages of their careers. The program provides travel grants for teams to exchange visits in paired areas of different countries. For four to six weeks, team members experience the host country’s culture and institutions, observe how their vocations are practiced abroad, develop personal and professional relationships, and exchange ideas. In May-June 2013, Kulemeka will travel to Italy along with a group of professors from other Oklahoma institutions of higher education (East Central University in Ada, Cameron University in Lawton, Murray State College in Tishomingo). The goal of the trip will be to learn and share knowledge with Italian counterparts regarding higher education. After returning from Italy, the team will host a team of Italian academics who will tour Oklahoma.

Patent

Mark Yeary (ECE/ARRC), Jim Toplicar, Paul Doucette, and Eliazbeth Foltz (Raytheon) were awarded a patent for their “Single Channel Semi-Active Radar Seeker,” Publication Number: US 2012/0169524 A1. Publication Date: July 5, 2012. ABSTRACT: “The disclosed approach provides a low-cost approach by employing a single channel receiver for a direction-finding missile, rather than a conventional four-channel system. It employs interferometry techniques. The proposed approach leverages orthogonal waveforms and pseudorandom noise (PN) codes.” Research, 45(3), 265-287.

Publications

University of Arizona Press has published Forced Marches: Soldiers and Military Caciques in Modern Mexico by Terry Rugeley (History) and co-edited with Ben Fallaw (October 2012).

Mérida: Universidad Autónoma de Yucatán (2012) has published De milagros y sabios: Religión y culturas populares en el sureste de México, 1800-1876. by Terry Rugeley (History).

SUNY Press has published Dubious Facts: The Evidence of Early Chinese Historiography by Garret Olberding (History) (December 2012).

Springer has published Robust Data Mining by Theodore Trafalis (Industrial & Systems Engineering) (November 2012).

Information Age has published Contemporary Challenges Confronting School Leaders by Patrick Forsyth (Educational Leadership & Policy Studies) and Michael DiPaola (July 2012).
School of Art Faculty & Student Achievements

- Third year MFA students Brent Richardson and Spencer Ulm both had work accepted to an eight-state MFA juried exhibition in Wichita, Kansas. Not only was their work accepted, but each of them is receiving juror’s awards and has been asked to deliver a public lecture on their art.

- Jessica Tankersley (Media undergraduate) won a scholarship from The Girlie Show, the Creative Divergents Online Showcase Award and the Student Award of Excellence from the Oklahoma Visual Arts Fellowship.

- Elliot Robbins (undergraduate student) won a $2,000 scholarship from the National Sculpture Society in a national competition.

- Lindsey Allgood and Jessi Wilson (MFA students) were two of five artists chosen to receive the Norman Arts Council's Individual Artist Awards for 2012.

- Jackson Rushing’s essay "Pictures of Katsina Tithu: Georgia O'Keeffe and Southwest Modernism" was published in an exhibition catalog from the Georgia O'Keeffe Museum, "Georgia O'Keeffe in New Mexico: Architecture, Katsinam, and the Land."

- Graduate student Brent Richardson has won the $1000 juror’s award at the last Momentum OKC.

- Using an Island Institute Residency Fellowship Award (http://islandinstitutealaska.org) and a University of Oklahoma VPR Council FIP grant ($14,172), Cedar Marie (Art) will create the social documentary project: Women of the Fleet: Fishing for Cultural Resiliency in Sitka, Alaska (WoF). WoF utilizes both the visual arts and humanities to record the lives of women who commercial fish in Sitka, Alaska. During the Island Institute residency, Marie will give two public lectures about the project and participate in a Sitka Public Radio interview.

Oklahoma Academy of Science’s Award of Merit

Oklahomans for Excellence in Science Education founder Victor Hutchison (George Lynn Cross Research Professor Emeritus of Biology) was named winner of the Oklahoma Academy of Science’s Award of Merit on November 9, 2012 at the Annual Technical Meeting of the group, at the University of Central Oklahoma in Edmond, OK. The award was given for “his noteworthy contributions to science education in the state of Oklahoma and the nation.”
Gaylord College Awarded $1.3 Million

The Gaylord College of Journalism and Mass Communication at the University of Oklahoma has been awarded two new grants totaling nearly $1.3 million through the Education and Cultural Affairs Bureau of the U.S. State Department. This is the sixth State Department grant that Gaylord College has received for a total of more than $3 million over the past eight years.

The larger of the two new grants is a $1 million project for three years with Pakistan’s University of Gujrat to develop and expand their Center for Media and Communication Studies. The first team of Gujrat faculty arrives in Oklahoma in January.

The second grant for $360,000 will continue work that Gaylord College has done in Bangladesh for the past eight years. This project provides an extended industry experience for 18 media professionals in print and broadcasting who will visit Norman in April and October 2013 and be placed with media in the Oklahoma City metropolitan area. Two delegations of Oklahoma media professionals also will visit Bangladesh during the same year.

Faculty Recognition

- ARRC faculty members Robert Palmer and Phil Chilson were invited speakers at the JOSS (Joint Office of Science Support) Community Workshop on Radar Technologies held recently in Boulder, Colorado. The purpose of the workshop was to examine the types of radars supporting the atmospheric sciences community today, to review emerging technologies, and to identify near and mid-term priorities for radar support of atmospheric sciences research. Chilson spoke on Thermodynamic and Wind Profiling and Palmer presented on Emerging Technologies.

- Nyla Ali Khan (English) spoke at the event on "Bridge Builders in the Kashmir Conflict: The Human Dimension and the Role of Civil Society" on December 4th, 2012, at American University in Washington, D.C.

- Elyssa Faison (History) was invited to give lectures on her current research at the University of California at Berkeley on September 11, 2012 titled “Hiroshima Maidens, Bikini Islanders and Lucky Dragons: The Politics of Memory in Cold War Japan” and at the University of Hawaii on November 15, 2012 titled “Promoting Science, Promoting Peace: Shaping Japan's Cold War Nuclear World.”
November New Awards

- Jerald Brotzge
  The Center for Analysis & Prediction of Storms
  “PFI-AIR-CASA Warning System Innovation Institute”
  UN-MASS
  $80,007

- Marshall Cheney
  Department of Health & Exercise Science
  “Smoking Initiation and Smoking Behaviors in Young Adults”
  HSC
  $55,000

- Sesh Commuri
  School of Electrical & Computer Engineering
  “Evaluation of Performance of Asphalt Pavements Constructed Using Intelligent Compaction Techniques”
  OK-TRAN
  $122,199

- Victoria Duca-Snowden
  NASA Space Grant Consortium
  “EPSCoR Research Infrastructure Development (RID)”
  NAS-HDQ
  $125,000

- Victoria Duca-Snowden
  NASA Space Grant Consortium
  “EPSCoR Research Infrastructure Development (RID)”
  OK-REG
  $63,000

- Royce Floyd
  School of Civil Engineering & Environmental Science
  “Feasibility of Using High Early Strength Concrete Made with Rapid Set(R) Calcium Sulfoaluminate Cement for Prestressed Bridge Girders in Oklahoma”
  CTSCMC
  $9,456

- Kianoosh Hatami
  School of Civil Engineering & Environmental Science
  “Field Verification of Geogrid Properties for Base Course Reinforcement Applications”
  OK-TRAN
  $100,000

- Yang Hong
  School of Civil Engineering & Environmental Science
  “Black Ice Detection and Road Closure and Warning Control System for Oklahoma”
  OSU
  $36,742

- Michael Santos
  Department of Physics & Astronomy
  “Antimonide Materials for Quantum-Dot Photovoltaics”
  AMETHYST
  $70,000

- Ian Sellers
  Department of Physics & Astronomy
  AMETHYST
  $57,297

- Daniel Simon
  World Literature Today
  “2013 Puterbaugh Festival of International Literature & Culture: Image & Word Exhibit”
  OK-ARTS
  $1,200

- David Stensrud
  Cooperative Institute for Mesoscale Meteorological Studies
  “Supplement - Collaborative Research: Improved Understanding of Convective-storm Predictability and Environment Feedbacks from Observations during the Mesoscale Predictability Experiment (MPEX)”
  NSF
  $23,832
November New Awards

- Bradley Stevenson
  Department of Microbiology & Plant Biology
  “Assessment and Characterization of Microorganisms Associated with Corrosion of Aircraft Surfaces”
  UES
  $46,575

- Pradeep Yadav
  Division of Finance
  “Analysis of Commodity Futures Markets”
  CFTC
  $24,000

- Md Zaman
  Engineering Dean
  “Creep Compliance and Percent Recovery of Oklahoma Certified Binders Using the Multiple Stress Creep Recovery (MSCR) Method”
  OK-TRAN
  $104,586

- Md Zaman
  Engineering Dean
  “Fatigue Performance of Asphalt Pavements Containing RAS and RAP”
  OK-TRAN
  $109,421