Oklahoma Libraries New Online Research Resources

The University of Oklahoma Libraries has announced the launch of a new online resource titled “Resources for Researchers,” which is available at [researchers.libraries.ou.edu](http://researchers.libraries.ou.edu). It is designed exclusively to serve the OU researcher community. This new resource serves to introduce research-centric resources that aid a researcher with the ability to have a unique and identifiable presence online, the ability to share scholarly works, publications, data and to allow for easy discovery of other researchers in the disciplines. For more information, please contact Dr. Mark Laufersweiler (Research Data Specialist, OU Libraries) at laufers@ou.edu (325-3710).

Dual Polarimetric Radar Data Workshop Held in Taiwan

Associate Dean Kevin Kloesel (Atmospheric & Geographic Sciences; Director, Oklahoma Climatological Survey), assisted by Nicole Robertson (Program Manager, Office of Weather Programs & Projects; Ph.D. candidate, Music), recently taught a one-week workshop on Dual Polarimetric Radar Data to forecasters at the Central Weather Bureau (CWB) in Taipei, Taiwan. The workshop was held March 17-21, 2014 and focused on understanding and interpreting data from Doppler dual-pol weather surveillance radars and applying those data to monitor and forecast mesoscale hazardous weather events. It was developed to help CWB with the new technology after the recent dual-polarization upgrade of one of their four radars, the WSR-88D Wu-Fan-San. The project was organized by Emeritus Dean John T. Snow, (Director of the Office of Weather Programs and Projects) in collaboration with the OU Center for Applied Research and Development.
President’s Monthly Research and Development Highlights

Fulbright Alumni Ambassador

Associate Professor Liz Bergey (Oklahoma Biological Survey) has been named a Fulbright Alumni Ambassador. Fulbright Alumni Ambassadors serve as official representatives and recruiters for the Fulbright Scholar program. Approximately eight ambassadors are selected nationwide each year and serve a two-year term. Fulbright Alumni Ambassadors mentor potential applicants, sharing information about Fulbright grants along with how to address the challenges of living abroad successfully and how best to meet the Fulbright Program’s ultimate goal – to increase mutual understanding between the people of the U.S. and the people of other countries. Bergey is the only ambassador in this year’s group to represent the biological sciences.

Bergey became a Fulbright Scholar in 2007 when she spent six months in Thailand at the University of Chiang Mai, where her lecturing and research focused on the Aquatic Biology and the Downstream Effects of Hydroelectric Dams.

Faculty Members Selected as NEH Summer Scholars

Associate Professors Su Fang Ng and Kenneth Hodges both from the Department of English have been selected as National Endowment for the Humanities Summer Scholars from a national applicant pool to attend one of 30 seminars and institutes supported by the National Endowment for the Humanities. The Endowment is a federal agency that, each summer, supports these enrichment opportunities at colleges, universities, and cultural institutions, so that faculty can work in collaboration and study with experts in humanities disciplines. Both faculty members will participate in a seminar entitled “Tudor Books and Readers: 1485-1603.” The 5-week program will be held at the Plantin-Moretus Museum, in Antwerp, Belgium; at Senate House Library, University of London; and at the Bodleian Library, University of Oxford, and will be co-directed by Drs. John N. King (Ohio State University) and Mark Rankin (James Madison University). The approximately 437 NEH Summer Scholars who participate in these programs of study will teach over 113,925 American students the following year.
Fulbright Grant

Associate Professor Paul Goode (Political Science) has been awarded a 2014-2015 Fulbright Scholar Flex grant, which will allow him to conduct research in Russia over the next three summers.

Institute of Museum and Library Services Award

Assistant Professor Kyungwon Koh (Library and Information Studies) has won $354,367 through the Institute of Museum and Library Services Early Careers Development Program. The three-year research project will increase knowledge about how youths create information and how information professionals can help them become successful information creators by promoting their information and digital literacies and other 21st century skills. This Early Career research project builds on existing research and results of previously funded IMLS Learning Labs by investigating how twenty-four middle school students engaged in project-based, guided-inquiry STEM learning to create information in a school library Learning Lab/Makerspace. The project will result in a model of information-creating behavior that can help develop a groundbreaking approach to information literacy instructions and creative programs.

Goldwater Scholars Announced

Three students have been named 2014 Goldwater Scholars. Undergraduate students Sydney Bader (Biochemistry), Laura Figueroa (Biology) and Yuan Rui (Chemical Engineering) were given the award for the intent to pursue careers in math, natural sciences or engineering, according to a press release. The three were chosen out of the 1,166 college sophomores and juniors who applied for the 283 scholarships, which will cover the cost of tuition, fees, books, room and board for one or two years.

New Books


Student Awards

- Anna Kochigina (M.A. student, Public Relations/Strategic Communication) won a highly competitive and prestigious 2014 PRIME Research Fellowship from the Institute for Public Relations (http://www.instituteforpr.org/research/awards/grunig-prime/). She will work with the PRIME Research company, a leading research and analysis communication agency in Ann Arbor, Michigan offices for six weeks in the summer of 2014 following the end of the academic year. Kochigina will learn more about public relations research including data collection, data analysis, interpretation of research results and consultation. At the end of her fellowship, she will produce a research paper intended for practitioners to be published in a peer-review section of the national professional organization, the Institute for Public Relations. Kochigina will also receive a generous stipend and free housing during her fellowship.

- Dan Allen (recent Ph.D. graduate, Biology) is the recipient of the 2014 Hynes Award from the Society for Freshwater Science for his paper titled "Bottom-up Biodiversity Effects Increase Resource Subsidy Flux Between Ecosystems." Allen was nominated by his advisor, Caryn Vaughn (Biology) and he will give a talk to the entire society at their opening plenary session. This follows on his move in February 2014 to start a tenure track position at Arizona State at the polytechnic campus in Mesa, AZ. https://campus.asu.edu/polytechnic.

- Meteorology sophomore students Brett Borchardt, David Harrison, Eric McCormick, Andrew Moore, Rachel Norris and Josh Wadler won the prestigious NOAA Hollings Scholarships. The Hollings Scholarship Program provides successful undergraduate applicants with awards that include academic assistance (up to a maximum of $8,000 per year) for full-time study during the nine-month academic year; a ten-week, full-time internship position ($650/week) during the summer at a NOAA facility; and, if reappointed, academic assistance (up to a maximum of $8,000) for full-time study during a second nine-month academic year. The internship between the first and second years of the award provides the scholars with "hands-on" practical educational training experience in NOAA-related science, research, technology, policy, management and education activities. Awards also include travel funds to attend a mandatory NOAA Scholarship Program orientation, conferences where students present a paper or poster and a housing subsidy for scholars who do not reside at home during the summer internship.
Chair Elect

Professor Mohammed Atiquzzaman (Computer Science) has been elected as the Chair of IEEE Communication Society Technical Committee on Communications Switching and Routing. IEEE Communications Society, the world’s largest professional society with 45,000 members comprised of communications engineers and researchers, sponsors publications, conferences, and workshops in information switching.

Summer Undergraduate Research

Undergraduate students Adam Dachowicz (Mechanical Engineering) and Ben Toms (Civil Engineering & Environmental Science) received Summer Undergraduate Research Fellowships (SURF) with the National Institute of Standards and Technology (NIST). The NIST-SURF program offers research opportunities for approximately 100 students from across the country in its six laboratories. Students in the 11-week program receive a stipend, living and travel allowances, and valuable research guidance and mentoring from internationally recognized experts.

School of Drama Wins Top Honors

The School of Drama students won many top honors at the Region VI Kennedy Center American College Theatre Festival (KCACTF) in Shreveport, Louisiana February 25-March 1, 2014. Below is the list of categories and winners.

Invited Productions and Director’s Choice
Alissa Millar for Miss Evers’ Boys.

Irene Ryan Acting Scholarship
Jake Lozano and his partner Josh Bonzie, and Kamron McClure and his partner Gabby Reyes.

Design Excellence
Ethan Hartman for Coram Boy.

Meritorious Achievement in Scenic Design
Dalyn Boyd for Miss Evers’ Boys.

Meritorious Achievements in Costume Design
Melissa Perkins for Drowsy Chaperone.
Jenava Burguiere for Carousel.

Meritorious Achievement in Sound Design
Matthew Barnard for Coram Boy.

Don Child’s Stagecraft Institute of Las Vegas Award
Dalyn Boyd for Miss Evers’ Boys.

The Doug Getzoff Award for Undergraduate Design Excellence
Paul Kim for Contemporary Dance Oklahoma.
March New Awards

- **Phillip Gutierrez**, Physics & Astronomy
  “Support for University of Oklahoma Postdoctoral Research Associate at DZero”
  Fermi National Accelerator Laboratory, Universities $14,210

- **Hank Jenkins-Smith**, Political Science
  Carol Silva, Political Science
  “Post-Doctoral Research Associate Support”
  Sandia Laboratories $10,000

- **Jidong Gao**, CIMMS
  David Stensrud, CIMMS
  Xuguang Wang, Meteorology
  “Assimilation of Doppler Radar Data with an Ensemble-based Variational Method for Stormscale NWP”
  National Science Foundation $480,941

- **Ahmad Ghassemi**, Petroleum & Geological Engineering
  “Reservoir Geomechanics Joint Industry Partnership Consortium”
  ConocoPhillips, BP American Production, TipTop Oil & Gas, Weatherford U.S. $400,000

- **Md Zaman**, Engineering Dean, Petroleum & Geological Engineering
  Ronald Barnes, Electrical & Computer Engineering
  Gerald Miller, Civil Engineering & Environmental Science
  “Matching Support for The Southern Plains Transportation Center”
  State of Oklahoma, Department of Transportation $1,000,168

- **Amy Goodin**, OU Public Opinion Learning Lab
  “American Red Cross Community Resiliency Study”
  American Red Cross $22,000

- **Valentin Rybenkov**, Chemistry & Biochemistry
  “Validation of Bacterial Condesins as Drug Targets”
  Oklahoma State University $21,000

- **Lisa Henry**, Political Communication Center
  “Julian P. Kanter Political Commercial Archive Reformatting”
  State of Oklahoma, Department of Libraries $5,840

- **John Snow**, Meteorology
  Kevin Kloesel, Atmospheric & Geographic Sciences
  “One-Week Training Workshop in Dual Polarimetric Radar Data Application in Nowcast-Training Courses for WSR-88Dual Polarization Upgrade (WU-FAN-SAN RADAR)”
  Central Weather Bureau $37,432

- **Victoria Sturtevant**, Film & Media Studies
  “Native Crossroads Film Festival and Symposium”
  Oklahoma Humanities Council $1,000

- **Li Song**, Aerospace & Mechanical Engineering
  Ik-seong Joo, Division of Architecture
  “Survey of Particle Production Rates from Process Activities in Pharmaceutical and Biological Cleanrooms”
  ASHRAE, Inc. $237,346

- **Julia Abramson**, Modern Languages, Literatures & Linguistics
  “Financier, Lawyer, Priest: Power and the Professions in Enlightenment France”
  Oklahoma Humanities Council $500
March New Awards

- Berrien Moore, Atmospheric & Geographic Sciences Dean
  “National Mesonet Program (NWP)-2013 Supplement”
  Global Science Technology, Inc.
  $200,000

- Xiangming Xiao, Microbiology & Plant Biology
  “Migratory Birds and Disease Ecology”
  $68,150

- Xuguang Wang, Meteorology
  David Parsons, Meteorology
  David Stensrud, CIMMS
  “Improving the Understanding and Prediction of Nocturnal Convection through Advance Data Assimilation and Ensemble Simulation in PECAN National Science Foundation”
  $192,720