January 2016

The strength and breadth of OSU research

Oklahoma State University is a comprehensive research university. As such, research excellence in all academic disciplines is pursued, supported, and celebrated. Many amazing research achievements are in single-discipline efforts; nothing underway at OSU should be construed as de-valuing disciplinary research. Having said that, it is increasingly evident that many of the biggest challenges facing society can best be addressed by research involving a variety of disciplines. For that reason, my office has been working with college and faculty leaders to identify and articulate the areas of interdisciplinary and multidisciplinary research that have a strong presence at OSU, and which align with many of society’s challenges. We expect these identified strengths and themes to persist into the coming years, although additional areas of interdisciplinary strength may emerge. Likewise, OSU might choose to develop strengths in arenas that are not currently among our institutional strengths. Stay tuned as areas of interdisciplinary research strength are recognized and fostered at this comprehensive research university.

Kenneth W. Sewell, Vice President for Research
Watch video interviews with 2015-16 Niblack Research Scholars. In Focus will regularly feature scholars, including Tyler Goldsmith (left) and Erica Goodenow.

Mark your calendar for Research Week 2016

Research Week 2016 includes a myriad of activities representing nearly every discipline on OSU’s campuses. Events include scientific symposiums, invited lectures from celebrated academics, musical, theatrical and artistic presentations, and displays of student research. A special reception will be held to recognize the accomplishments of OSU researchers and celebrate faculty members who are pushing the boundaries of their fields and, in turn, raising the profile of Oklahoma State University on a national research stage. Learn More ➤

RESEARCH NEWS

OSU has launched the Unmanned Systems Research Institute on the Stillwater campus that will bring together disciplines from across the university and Oklahoma. The institute will widen the aerospace engineering’s unmanned aircraft program to include all types of unmanned technologies. Read More ➤

Learn about the amazing variety of research underway at OSU

Much of the science and scholarship that takes place at OSU goes unnoticed outside a department or college. During Research Week 2016 that will change as we open the door to the work of faculty across disciplines at OSU during a series of Research Week panel discussions. Learn More ➤
Oklahoma NSF EPSCoR Grant Spotlight Video: CareerTech STEM Partnership

Oklahoma NSF EPSCoR has partnered with the Oklahoma Department of Career and Technology Education to open four new Gateway to Technology (GTT) schools in rural Oklahoma over four years, starting in 2014. The new EPSCoR GTT sites are located in rural areas of the state with high minority, low-income, and first-generation college student populations. The first two schools to receive the EPSCoR GTT grants were Pansy Kidd Middle School in Poteau, and Henryetta Middle School in Henryetta. (Watch the video above to learn more about the Henryetta program.) Read More ➤

Niblack Research Scholar benefactor and OSU alumnus John Niblack received an honorary doctorate and delivered a winter commencement address in December. Watch a video interview with Niblack, who describes his involvement with undergrad research. Read More ➤

See more news on the OSU Research website.

FEATURED EVENT
January 21

From Lab to Mobile is a networking event for researchers and students working on mobile computing, scientists interested in delivering their research products via mobile, and anybody working on areas including connected devices, the Internet of Things (IoT), machine to machine (M2M), mobile apps, wearables, smart devices, interaction design, UI/UX design, machine human interface, APIs, mobile health and robotics. The event takes place Jan. 21 at 5:30 pm in the Cowboy Underground in the Student Union. RSVP at http://goo.gl/forms/NYBD3ernzT.

Each month In Focus features an event on the OSU campus. To nominate an event for inclusion, email details to vpr@okstate.edu.

2015 Regents Distinguished Research Award winners
OSU has honored the following scientists and scholars as recipients of the 2015 Regents Distinguished Research Award. Pictured are (front row, left to right) Barbara Stoecker, Carey Pope, Rathindra Sarathy, and Garey Fox; (second row, left to right) Allen Apblett, Weili Zhang, and Edward Jones. Read More ➤
A one credit hour course on grant writing will be offered by the Center for Proposal Development this spring. Learn More

Faculty Conversations are a collection of videos of OSU faculty describing their research. The videos represent a wide cross section of disciplines and novel research. Visit the OSU Research website to see the Faculty Conversations collection, including a video featuring Dr. J. Craig Wallace, associate professor of management, describing his research into organizational behavior.

OSU-HHMI introduces life-science research to undergraduates

The Howard Hughes Medical institute program at OSU was started in 2014 with a grant from HHMI to implement a multi-disciplinary track for undergraduate researchers. OSU life sciences faculty are transforming introductory science courses into increasingly authentic research experiences through the Life Sciences Freshmen Research Scholars Program.

“The focus is to increase research opportunities for students early on in the life sciences and to help them enjoy the work and see the value of the discovery and the analysis,” said Dr. Donald French, professor of zoology and the principal investigator for the OSU-HHMI project.

OSU-HHMI is offering a special interactive event during Research Week 2016 to learn about the life science research on Friday, February 19 from 1-4 pm in the Noble Research Center atrium. Learn More about research opportunities through OSU-HHMI.

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