The Research Week 2017 issue

The 14th annual Research Week is an inspiring time on the campus of Oklahoma State. Almost everywhere you look there are events dedicated to the work of scientists, engineers, scholars, and artists – presentations, lectures, displays, competitions, performances, and exhibits. Research Week features some...
of the most important invited lectures in several disciplines at OSU including the Kamm Lecture in Higher Education, the OSU Sociology Bradford Gray Lecture, the Interdisciplinary Toxicology Symposium, the Food and Agricultural Products Research Symposium, and others. Research Week also includes the arts. So there are events for anyone with an interest in OSU research.

The VPR Panel Series returns to Research Week

Vice President for Research Kenneth Sewell has created an annual Research Week series of discourses introducing Oklahoma State interdisciplinary research strengths through panel discussion that highlight OSU faculty. The 2017 panels showcase research areas of growing impact:

- **The Microbiome** Monday, Feb. 20, 10 a.m., 416 Student Union, Case Study 2
- **Fire Protection** Tuesday, Feb. 21, 1 p.m., 416 Student Union, Case Study 2
- **The Center for Integrative Research on Childhood Adversity** Wednesday, Feb. 22, 10 a.m., 416 Student Union, Case Study 2

Learn More

The Research Week schedule covers it all

Printed schedules are available throughout campus in Research Week displays in many buildings and can be downloaded. The online schedule includes additional details like speaker bios and photos and is available at researchweek.okstate.edu

Top lecturers visit OSU for Research Week

Research Week is a stage for renowned invited lecturers who bring their expertise on a variety of disciplines to the OSU campus.

**Tuesday**

FAPC/IFT-OK Research Symposium
Keynote by Dr. Randall K. Phebus, Kansas State University
*Validation and Prevention of Multisyllable Germs in Meat, Produce, Baking and Pet Food Industries*
11:15 a.m., Kerr Auditorium, 201 Food and Agricultural Products Center

Kamm Lecture in Higher Education
Keynote by Dr. Harry Boyte, Center for Democracy and

Remembering Darla

Darla Duncan, a dear friend and colleague in the OSU Office of the Vice President for Research, passed away Feb. 10. The person largely responsible for planning the annual Research Week celebration from its beginning, Darla was also responsible for managing the VPR office. An OSU alum, Darla worked for the university for 33 years. She is survived by two daughters, Morgan Duncan and Peyton Duncan, a student at OSU, and stepdaughter
Citizenship

Educating the Citizen Professional: Higher Education and the Future of Civic Leadership
10:30 a.m., 010 Willard Hall

Interdisciplinary Toxicology Symposium - McElroy Hall Auditorium

- Dr. Phil Kemp, Analytical Toxicology Labs and Federal Aviation Administration, Oklahoma City - Postmortem forensic toxicology investigations in aviation accidents 3 p.m.
- OSU Sociology Bradford Gray Lecture Dr. Paul Mohai, University of Michigan School of Natural Resources and Environment - Environmental Justice and the Flint Water Crisis 3:45 p.m.
- 17th Annual Sitlington Lecture in Toxicology Dr. Kevin Crofton, United States Environmental Protection Agency, Research Triangle Park, North Carolina - The Evolution of Toxicology and Chemical Regulation 4:30 p.m.

Dr. Kirill Nourzhanov, deputy director of Ph.D. studies at the Centre for Arab and Islamic Studies at the Australian National University
Central Asia in the Persianite World: Past, Present and Future
2 p.m., 108 Wes Watkins Center

Wednesday

Oklahoma Center for Respiratory and Infectious Diseases Seminar Dr. Padmini Salgame, professor and director of the Graduate Medical Research Program, Department of Medicine, Division of Infectious Diseases, New Jersey Medical School, Rutgers University
Impact of Mycobacterium Tuberculosis Strain Variation on Infection Outcome
12:15 p.m., 259 McElroy Hall, Center for Veterinary Health Sciences

Thursday

21st Century Literacies Lecture Series Dr. Antero Garcia, assistant professor in the Graduate School of Education at Stanford University
Literacy and Youth Culture in the 21st Century
10 a.m., 010 Willard Hall

Dr. Melissa Farley, a clinical psychologist, researcher, and founder of the organization Prostitution Research and Education in San Francisco
Fracking and Human Trafficking: Neoliberal Sacrifice Zones and What We Can Do about the Commodification of Everything
4 p.m., Peggy V. Helmerich Browsing Room, Edmon Low Library

OSU Research Matters
The OSU research magazine has a new name

With a new name, Oklahoma State's research magazine makes the point that scientific and scholarly inquiry impacts countless lives including our students, the citizens of Oklahoma and those beyond our borders. OSU is building a national reputation for the strength of its research and the quality of its faculty. That reputation is highlighted in OSU Research Matters. Read the 2017 issue and learn about amazing research and researchers.
#OSUResearchMatters

Research Week events of note

OSU Microscopy Lab Open House
A visit with scientific pioneer Marie Curie

Meet chemist and physicist Dr. Marie Curie in France in 1915 in a program that includes a presentation in character by Susan Marie Frontczak. Curie is best known for the discovery of radium and radioactivity in the early 20th century, which led to the first treatments for cancer. Few understand the obstacles Curie faced as a woman just to get into the laboratory. Learn More

Nicole McMurray painted a forest based on a scanning electron microscope image of bark (right). Liz Dueck won a purchase prize for her work (below), Changing the Ending.

Artists interpret science in student exhibits

Art and science are not so very different. Many artists have been inspired by scientific inquiry and scientists have relied on works of art and writing to translate their discoveries to the general public. That ageless connection is on display during Research Week in two exhibitions of the work of OSU student artists for whom science served as the source for their creativity.

Attend an open house for researchers and the public to learn about available microscopy facilities and services. Monday, 12 - 2 p.m., Venture 1 Building, 1110 S. Innovation Way, Suite 104

Research Week edition of Science Cafe

Dr. Kitty Cardwell, director of the National Institute for Microbial Forensics and Food and Agriculture Biosecurity at OSU, will discuss cutting-edge food and animal science in the Research Week edition of Science Café at OSU. The program is Tuesday at 6:30 p.m. in the Helmerich Browsing Room, Edmon Low Library. Learn More
Each year at Research Week, the Office of the Vice President for Research and the OSU School of Visual and Performing Arts have organized a competition called “Where Art Meets Science: An Environment of Discovery and Inventiveness.” The top works win purchase prizes and become part of OSU’s permanent art collection as well as displayed in the Henry Bellmon Research Center. The art will be on display during Research Week at the Bartlett Center for the Visual Arts.

An exhibit of student art interpreting the microscopic world is currently on display in the Student Union Art Gallery (basement level). “Metamorphic Microscopy” is a collection of oil paintings based on images taken with a scanning electron microscope at the OSU Microscopy Laboratory. The exhibit will close Feb. 20 with a reception from 3:30 to 5 p.m.

**Shipwrecked! OSU Department of Theatre Production**

*Shipwrecked* will be presented Feb. 23-25 at 7:30 p.m. and Feb. 26 at 2:30 p.m. in the Vivia Locke Theatre in the Seretean Center for the Performing Arts.