

OKLAHOMA INNOVATIONS – OCAST'S OFFICIAL NEWSLETTER

FALL 2017

INNOVATIVE OKLAHOMA COMPANIES FEATURED IN THE OKLAHOMAN

- [Startup AgBoost brings genetic profiling to cattle producers](#)
 - [Advantage Controls succeeds as tech manufacturer by following the Golden Rule](#)
 - [Well Checked Systems puts remote 'eyes' on oil well sites, equipment yards](#)
 - [OKC startup pioneers technology that prevents accidental IV disconnects for hospital patients](#)
 - [Shawnee's GF Central Plastics produces fittings for natural gas industry](#)
 - [RNT ensures its clients practice good cyber hygiene](#)
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INNOVATE OKLAHOMA INITIATIVE LAUNCHED



Governor Mary Fallin, along with state Chief Information Officer Bo Reese and members of the Oklahoma tech community, launched Innovate Oklahoma, a new technology initiative between the Office of Management and Enterprise Services and the Oklahoma Center for the Advancement of Science and Technology.

The initiative will allow custom technology applications to be developed to directly meet the needs of the state departments and agencies, leading to innovation and efficiency in government.

The Innovate Oklahoma website gives citizens the opportunity to submit a challenge or problem they would like to have solved with an application solution. From there, the submission becomes a foundation block to launch a community-led, collaborative environment that uses technology to improve Oklahoma's government services.

After launching the site, Reese announced the first contract. "We are excited to announce that the Innovate Oklahoma project has already made progress. Tapzot LLC has been formed by several

local technologists and entrepreneurs to meet the challenge of building the software behind our innovation portal at innovate.ok.gov

Innovate Oklahoma, innovate.ok.gov, is the first of its kind in the nation and OMES is proud to be breaking new ground and finding solutions to the challenges state agencies face.

PROGRAM FUNDING OPPORTUNITY ANNOUNCEMENTS

Dates for OCAST's peer-reviewed funding programs have been finalized. The funding helps principal investigators pursue their ideas for increased scientific understanding of important problems in health research, applied research, plant sciences and internship opportunities and lays the foundation for driving economically significant future innovations. The programs fund qualified research projects conducted by Oklahoma-based investigators for the multiple purposes of 1) enhancing the competitiveness of Oklahoma researchers in their pursuit of additional research funds, 2) furthering scientific research and its application to the benefit of society and 3) strengthening the state's economic outlook. On-line application is available through [OKGrants](#).

- Health Research opens: February 5, 2018; closes April 4, 2018
 - Oklahoma Applied Research Support (OARS) opens: February 5, 2018; closes April 4, 2018
 - Intern Partnerships opens: February 5, 2018; closes April 4, 2018
 - Plant Science opens: January 22, 2018; closes March 2, 2018
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UNMANNED AERIAL SYMPOSIUM TO BE HELD IN LAWTON



The Unmanned Aerial Systems Cluster Initiative (UASCI) has partnered with Great Plains Technology Center, Lawton Development Corporation and OCAST for the Sky's the Limit Symposium to be held November 8 in Lawton.

This one-day symposium will bring together industry leaders and experts to share the opportunities for drone and UAS use available in agriculture and other industries.

Guest speakers will include Kelvin Drogemeier, Oklahoma's secretary of science and technology and University of Oklahoma vice president for research; Michael Komp, spatial technology services manager, Noble Research Institute; Dennis Wallin, USDA Research and Jamey D. Jacob, chair and professor of aerospace engineering and director, Unmanned Systems Research Institute at Oklahoma State University.

To register or for further details, click the following link:

<http://events.r20.constantcontact.com/register/event?oeidk=a07eem62uoyc203a1cf&llr=p4lfsajab>

UNIVERSITY OF OKLAHOMA INNOVATION HUB HOLDS GRAND OPENING



The University of Oklahoma celebrated the grand opening of the new OU Innovation Hub “Code Lab” as well as the Innovation Hub’s one year anniversary. The new Code Lab will be a software “maker space” open to all offering expertise, hardware and software resources to help novice to expert coders turn ideas into viable apps, websites and software solutions. The new Code Lab is partnership with OU information technology and other OU departments and community interests.

OKLAHOMA STATE UNIVERSITY HOLDS RIBBON CUTTING FOR RIATA CENTER IN STILLWATER



Oklahoma State University recently held a ribbon cutting ceremony to celebrate the Riata Center’s newest location in downtown Stillwater. The new location at 619 S. Main Street in downtown Stillwater is comprised of two floors. The first floor is a co-working area where students and the community can engage and interact. It is also an events space for both the Riata Center and other entrepreneurial organizations. The second floor houses accelerateOSU, which is home to the student incubator program, I-CORPS and multiple other programs.

RESEARCH DAY HELD IN OKLAHOMA CITY

The Oklahoma Department of Transportation (ODOT) and the Southern Plains Transportation Center hosted 2017 Oklahoma Transportation Research Day this month. This one-day event consisted of keynote speakers, ODOT presentations on research and implementation projects and student transportation project posters.

Oklahoma Transportation Research Day Presentations included Stan Caldwell – "Connected and/or Automated Vehicle Safety Issues," Dr. Henry Brown – "Making Work Zones Safer" and Dr. Rafiqul Tarefder – "Crash Severity Formulation and Analysis Under Extreme Weather Conditions."

SECOND ANNUAL OKA' INSTITUTE SUSTAINABILITY CONFERENCE HELD IN ADA



The second annual Oka' Institute Sustainability Conference took place in the Chickasaw Business and Conference Center at East Central University in Ada. Keynote speakers included Governor Bill Anoatubby, Chickasaw Nation; Dr. David Zoldoske, executive director of Water Initiatives, California State University, Fresno and Stephen Greetham, executive officer and general counsel, Chickasaw Nation Division of Commerce.

Topics discussed were drought likelihood, trends and major issues in water law and policy, water cluster development and two separate panel discussions: policy/projects that move Oklahoma forward and data/research that moves Oklahoma forward.

UPCOMING EVENTS

[Unmanned Aerial Systems Sky's the Limit Symposium](#) - **November 8, 2017**

[Health Research](#) - OPENS: **February 5, 2018**; CLOSSES: **April 4, 2018**

[Oklahoma Applied Research Support](#) (OARS) - OPENS: **February 5, 2018**; CLOSSES: **April 4, 2018**

[Intern Partnerships](#) - OPENS: **February 5, 2018**; CLOSSES: **April 4, 2018**

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