

Oklahoma Innovations - OCAST's Official Newsletter

November/ December 2015 - [Watch the Video Edition](#)

OSTRAD BOARD ELECTS NEW OFFICERS FOR 2016

Rhonda Hooper, president and CEO of Oklahoma City-based Jordan Advertising, has been elected chair of the Oklahoma Science and Technology Research and Development (OSTRaD) Board. The OSTRaD Board governs the Oklahoma Center for the Advancement of Science and Technology (OCAST).

Dave Humphrey, president and CEO of Tulsa-based Addvantage Technologies Group, was elected vice chair.

Hooper and Humphrey will begin their terms January 1, 2016. Hooper succeeds Dr. Tim Mather, while Humphrey replaces Hooper as vice chair.

A graduate of Oklahoma State University with a bachelor's degree in journalism, Hooper serves on the executive committee of the Greater Oklahoma City Chamber as vice chair of Economic Development. She serves as vice chair of the OKC Economic Development Trust, is immediate past chair of the Oklahoma Business Roundtable, past chair of Leadership Oklahoma, past chair of the Oklahoma City Convention & Visitors Commission and past national chair of the Oklahoma State University Alumni Association.

Hooper also serves on the boards of the Alliance for Economic Development, the Riata Center for Entrepreneurship at OSU, the OKC Arts Council, the Oklahoma Health Center Foundation, OKC Boathouse Foundation, OSU Foundation, Women for OSU, OSU-OKC President's Advisory Board and the governance committee of the Central Oklahoma Humane Society.

"It is such an honor for me to be elected to this position on the governing board of OCAST," Hooper said. "Over the years, OCAST has brought an incredible return on the state's investment through its peer-reviewed programs. We're beginning to see its efforts to diversify the economy yield dividends by developing a deeper pool of STEM-educated workers for Oklahoma's innovative firms."

With undergraduate and graduate degrees from both the University of Wisconsin and Texas A&M, Humphrey has served as Addvantage CEO since April 2012. He has spent more than 30 years serving in executive positions in various industries, including 13 years with Koch Industries. He also was a principal of Davis, Tuttle Venture Partners where he was responsible for all aspects of a \$45 million venture capital fund.

"I've seen so many positive outcomes across the state from OCAST's innovative programs," Humphrey said. "I'm honored to be appointed to this board position and to have a role in helping this incredible organization carry out its mission of advancing research and development and growing jobs for all of Oklahoma."

Associated with their new board positions, Hooper and Humphrey will serve on the board's executive committee. Also serving on the board's executive committee are: Dr. Thomas Kupiec, principal of Oklahoma City's DNA Solutions; Dr. Terry Salmon, founder of Computer System Designers LLC; and Sherri Wise, CEO of Osteopathic Founders Foundation.

OSU-TULSA OPENS DOORS TO HELMERICH RESEARCH CENTER

Oklahoma State University-Tulsa opened the doors on its Helmerich Research Center Tuesday, December 1. It's part of an effort to showcase what's possible now and with a potential expansion.

The lab carries out research for the university and for business that, in some cases, can't be done anywhere else in the state. The labs focus, generally, on the science of materials, but more importantly, on how to make Oklahoma competitive.

The Helmerich Center has everything from powerful microscopes to clean rooms that don't exist anywhere else in the state. The labs and testing rooms are available for faculty, graduate students and businesses.

The center gives private companies access to research equipment, and they pay for it, which can help them develop products or processes they couldn't do on their own.

OSU-Tulsa has also made a pitch under the vision plan to expand their research to a new building.

OCAST FY16 HEALTH AND INTERN FUNDING CYCLES NOW OPEN

OCAST's FY16 funding cycles for the Oklahoma Health Research and Intern Partnerships programs are now open. You may view the solicitations on the OCAST website at ok.gov/ocast/Funding/Solicitations/index.html, and applications for the programs are now available online through OKGrants at grants.ok.gov.

Any PI who is interested in filling out an application must contact his or her research administrator in order to be granted access to the system. Applicants who have previously submitted OCAST applications through OKGrants do not need to re-register.

Although various user roles may be assigned to a project, there are a few important things to remember:

1. Only a Principal Investigator PI (OKGrants role: Authorized Official) may initiate an application. PI's role is OKGrants is designated as Authorized Official.
2. Research administrators (designated OKGrants role: Agency Administrator) will receive an e-mail when a PI begins an application.
3. Either the PI or research administrator may submit an application, but the research administrator's certification page must be the last page edited; PIs may not make any changes after their research admin has clicked the I Agree button on the Project Assurances page.
4. An application is not submitted until the status of the project is changed to Application Submitted. Simply filling out and saving all of the required forms does not submit the application for funding consideration.
5. PIs and research administrators will receive an e-mail when an application is successfully submitted. Applicants may also check the status of their initiated applications from the My Applications menu on the OKGrants homepage.

Statements of intent are not required. Health Research applications are due March 23 at 5 p.m. Intern applications are due March 2 at 5 p.m. User manuals are available for download by clicking the My Training Materials link at the top right of the OKGrants screens.

If you have any questions, please email laura.sohl-smith@ocast.ok.gov.

REGIONAL INNOVATION FORUM HELD IN DURANT

Oklahoma's business, government and education leaders gathered Monday, November 16 with a critical mission: to explore the potential of a regional approach to promote innovation throughout Southeastern Oklahoma.

The 2015 Innovation-Based Economic Development Forum brought approximately 150 people to the Southeastern Oklahoma State University campus for a day of discussion and brainstorming.

Participant representatives from the cities of Ada, Ardmore, Durant and Wewoka served as panelists for a discussion on "Creating Innovative Communities." Moderating the panel was Fred Morgan, CEO of the Oklahoma State Chamber.

Other participants in the forum included Dr. Stephen McKeever, Oklahoma Secretary of Science & Technology; Chad Wilkerson, Regional Economist with the Oklahoma City branch of the Federal Reserve Bank of Kansas City; and many others.

OKLAHOMA INNOVATIONS RADIO SHOW

[Moleculera Labs](#) provides clinical testing services for individuals suspected of suffering from treatable autoimmune neurologic conditions. These perplexing neurologic conditions such as PANDAS and PANS have been associated with motor tics, obsessive compulsive disorder and sometimes Autism Spectrum Disorders and are believed to be caused by a harmful autoimmune response triggered by common infections.

[Listen to the show](#)

The [Anatomy and Vertebrate Paleontology](#) is a specialized track within the Biomedical Sciences graduate program at OSU Center for Health Sciences in Tulsa. Students in the Anatomy and Paleontology track receive structured training to equip them for careers teaching Medical Gross Anatomy, Development, Histology and Neuroanatomy. Taking courses alongside the first-year medical students and progressing into teaching assistantships, graduate students develop and hone their anatomical knowledge and instructional skills.

[Listen to the show](#)

[Analytical Research Laboratories](#) (ARL) is a dynamic contract research organization providing high quality analytical work and problem solving to the pharmaceutical industry. ARL's sister company, DNA Solutions Inc., provides highly discerning service products including paternity and forensic testing in humans, sire confirmation, genotype registry, DNA banking and forensic identification in animals.

[Listen to the show](#)

The qualities that drive innovation and the creation of innovation districts include an environment rich with networking assets – "relationships that have the potential to generate, sharpen and accelerate the advancement of ideas. Find out more about OKC's move toward their own innovation district.

[Listen to the show](#)

An internationally prominent faculty, state-of-the-art facilities and new technology combine to make the [University of Oklahoma Health Sciences Center](#) a leader in education, research and patient care. The OUHSC strategic plan for research targets and builds upon existing research and clinical strengths to achieve a healthier future and vigorous economy for Oklahoma. The key areas of research targeted are cancer, diabetes, neuroscience/vision and infectious diseases/immunology.

[listen to the show](#)

To hear more interviews on *Oklahoma Innovations* visit the [OCAST website](#) or listen weekly on:

Altus - Saturday at 6 a.m. - KOCU 90.1 FM
Ardmore - Saturday at 6 a.m. - KLCU 90.3 FM
Chickasha - Saturday at 6 a.m. - KCCU 100.1 FM
Clinton - Saturday at 6 a.m. - KYCU 89.1 FM

Lawton/Fort Sill - Saturday at 6 a.m. - KCCU 89.3 & 102.9 FM
Oklahoma City - Sunday at 5 p.m. - KTOK AM 1000
Tulsa - Sunday at 8 a.m. - KRMG AM 740/FM 102.3
Wichita Falls, TX - Saturday at 6 a.m. - KMCU 88.7 FM