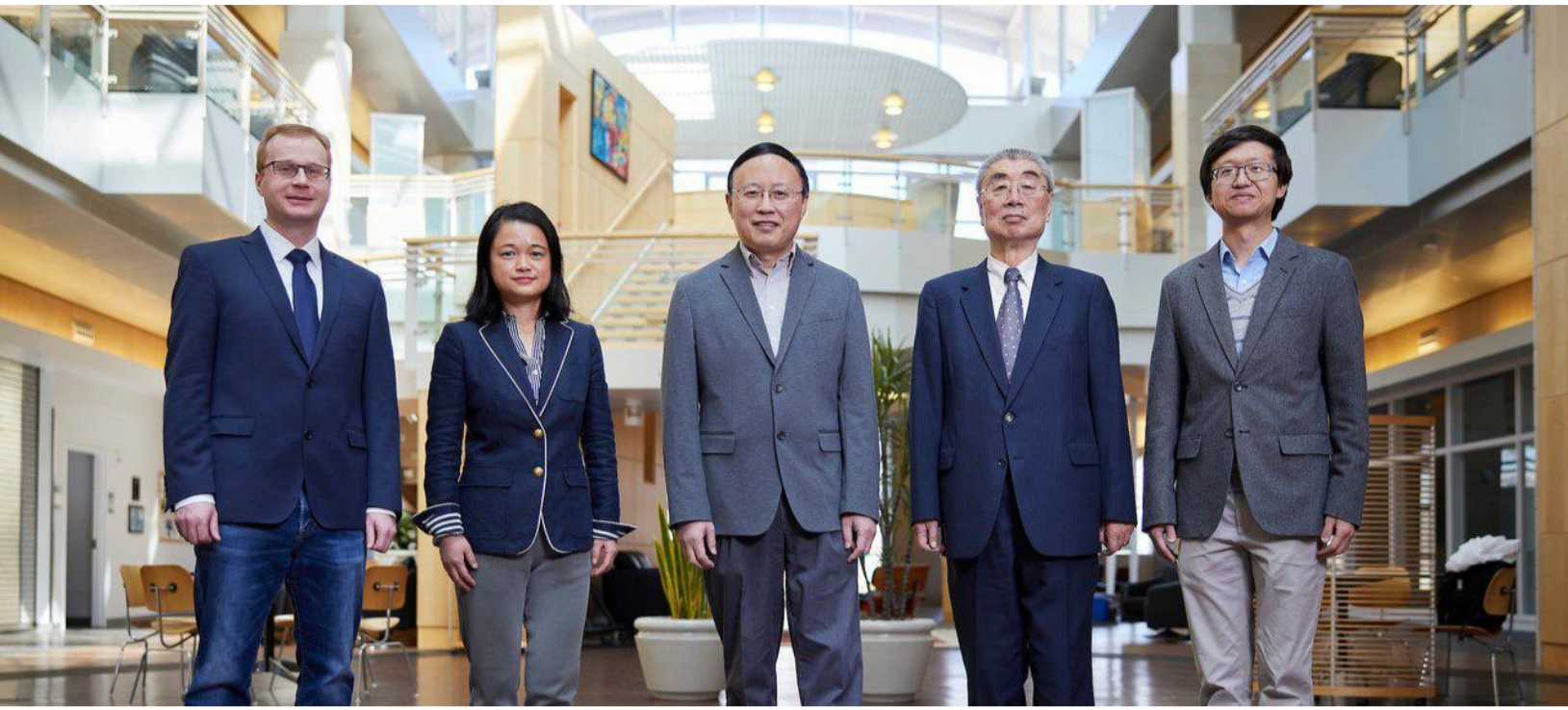


In the June 2022 issue of OU ENGINEER, learn how OU is expanding the frontiers of biomedical engineering.

OU Awarded \$11.3M for Imaging for Translational Cancer Research



OU has received funding from the National Institutes of Health to establish the Oklahoma Center of Medical Imaging for Translational Cancer Research, a collaboration between the Gallogly College of Engineering and OU and the OU Health Stephenson Cancer Center. [Learn more.](#)

OU Engineers Receive 3 R01 NIH Grants



[Wei Chen](#)



[Michael Detamore](#)



[Chongle Pan](#)

Three faculty in the Gallogly College of Engineering have been awarded a Research Project Grant Program (R01) from the NIH. Learn more about each engineer's research below.

[Wei Chen on Treating Metastatic Cancer](#)

[Michael Detamore on Transforming Traumatic Brain Injury Surgery](#)

[Chongle Pan on Trying Novel Approaches to Gut Dysbiosis](#)

PhD Student Gets NIH Award to Better Detect Pancreatic Cancer



OU doctoral student Bill MacCuaig has received the rare honor of being awarded the Ruth L. Kirschstein Predoctoral Individual National Research Service Award from the National Cancer Institute at the NIH.

MacCuaig has been recognized for a technique that may help improve the detection of pancreatic cancer, a particularly aggressive disease in which only one in 10 people diagnosed live beyond five years. [Learn more.](#)

OU Researchers Strive to Better Predict Peptide Structures



[Handan Acar](#)

OU researchers have developed a framework that solves the challenge of bridging experimental and computer sciences to better predict peptide structures. Peptide-based materials have been used in energy, security and health fields for the past two decades. [Learn more.](#)

Investment in World-Class Facility, Equipment Boosts Innovation



A new expansion of more than 12,000 square feet of state-of-the-art laboratory space is being developed in the College's newest building, Gallogly Hall, to accommodate a growing emphasis in immuno-engineering and medical imaging. Not only is the space growing, but also the college is hiring new faculty to support these new research focus areas. [Tour Gallogly Hall.](#)

OU Welcomes Apollo 13 Astronaut and Alum, Fred Haise



Fred Haise, former NASA astronaut, engineer, fighter pilot with the U.S. Marine Corps and U.S. Air Force, test pilot and OU Aeronautical Engineering alumnus, returned to OU to share his career path and discuss the Smithsonian Press' release of his biography, [Never Panic Early](#). A Lunar Module Pilot for Apollo 13, Haise is one of only 24 men to fly to the moon. [View photos](#).



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