



A MESSAGE FROM THE DEAN

Dear Friends,

On behalf of the faculty and staff of the Gallogly College of Engineering, I want to wish you a happy holiday season. We are closing an eventful and highly successful year and there is a lot to celebrate. As 2022 comes to a close, now seems a good time to share a few of the highlights with our colleagues.



GROW. The State of Oklahoma's [significant investment](#) in engineering education has continued to pay off. This semester, we brought on [23 new faculty](#), bringing our total number to 175. Meanwhile, we have active searches for 20 more engineering faculty. Student enrollment also is on the upswing. We grew our incoming class size by 14%. Additionally, our online population is growing with four new online programs currently being offered and three more to be added in Fall 2023, pending Regents' approval.

INNOVATE. With over 180 engineering research projects, we have increased research expenditures to record levels. Using a highly interdisciplinary approach and formation of [research clusters](#), expenditures have increased 48% since fiscal year 2019. Here are a few of our research stories from this year: [Reducing Carbon Emissions](#) and [Reducing Greenhouse Gas, Meeting Biopharmaceutical Workforce Needs, Transforming TBI Surgery, Creating a Power Grid of the Future, Detecting Hidden Cameras](#) and [Building a Self-learning Thermal Home](#). More exciting news can be found at ou.edu/coe/news.

BUILD. The college's growth has led to new investments in facilities for research and teaching. We have opened new learning and collaboration spaces, focusing on the learning and retention of our first-year engineering students. We continue to improve our faculty labs. We revamped faculty and staff office spaces and have nearly completed a fumehood core facility and the renovation of Gallogly Hall's fourth floor for biomedical engineering. We are in the process of adding a new research building for engineering, and collaborating with the OU Office of the Vice President for Research and Partnerships on a new advanced manufacturing research facility, as well as planning to build a new aerospace and defense research building. Additionally, OU recently received a \$3.5 million gift to support equipment expansion for the Stephenson School of [Biomedical Engineering](#).

CONNECT. We all share the mission of improving engineering education. This year, we formally launched an innovative new program called [Engineering Pathways](#). For this program, we hired eight new faculty members who focus on our first and second year engineering students. OU Engineering continues to reach even more K-12 teachers and students throughout the state with family nights, middle school events and high school camps. We've hired more recruiting staff and they have engaged with all 77 counties in Oklahoma taking part in over 400 recruiting events at 130 schools. This year, our first-time enrollment grew 14%. Equally important, we have also increased retention to record levels.

PARTNER. This year, we hired an associate dean to strengthen our engagement with industry partners. We are expanding our already robust hiring partnerships to have a stronger emphasis on graduate student preparation and placement. Earlier this semester, we held a successful government and industry day, and a bioinformatics day to connect students, faculty and partners. We are building a database to connect graduate students with job opportunities.

There's no doubt that the engineering community is capable of amazing things. As I approach my third year at OU Engineering, I'm proud to be part of the community of engineering educators. In the spirit of the holidays, I wish each of you a happy and safe holiday season.

Best wishes,

John Klier, Ph.D.

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[OU Gallogly College of Engineering](#) | 202 W. Boyd St., Norman, OK 73019 | engineering@ou.edu

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