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Solutions for Common Good

University of Dayton

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Solutions for Common Good

A new interactive website illustrates the full force of the University of Dayton’s standing as a major national research university.

*Momentum*, the new website, highlights a wide range of research, scholarship and creative excellence by faculty, staff and students from across the University and in the Research Institute. Collectively, their work will help the University break a record this year with annual sponsored research expected to total nearly $130 million.

The University of Dayton ranks No. 1 among all universities in Ohio and all Catholic universities nationally for sponsored engineering research and development. It’s second in the nation in federally sponsored materials research and development; and ranks ninth in the nation for sponsored research among private research universities without medical schools.

*Momentum* includes 12 stories that illustrate the wide range of research being conducted at the University including:

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*UD in the News June 15-22*

Two national education publications talked to Chief Information Officer Tom Skill about cybersecurity. *Politifact* interviewed Bob Brecha in the renewable and clean energy engineering graduate program about whether greenhouse emissions are down. *Quartzy* featured aviation historian Janet Bednarek in an article comparing airports around the world.

**Briefly Speaking**
-- the Engineering Wellness through Biomechanics Lab, which brings engineering researchers together with faculty from the Doctor of Physical Therapy Program to develop ways to help people move and live better;

-- investigating how DNA creates diversity through a $839,000 grant from the National Science Foundation;

-- putting sustainability research to work on an East Dayton community garden;

-- studying the eyes of fruit flies for keys to Alzheimer's disease;

-- giving NASA an assist in determining a landing site for the Mars rover;

-- building a school and developing curricula for a high school in Malawi to improve life for the people of Sangilo Village;

-- breaking new ground with R&D engineers at Emerson's Helix Innovation Center and the GE Aviation EPISCenter on energy efficiency and advanced electrical power technologies.

In a recent blog post, President Eric F. Spina writes about discovering the University's research prowess: Research for the Common Good.