



Rowan expands research, programs, collaborations

From developing a blood test to diagnose Alzheimer’s disease to evaluating the conditions of highways and landing strips, Rowan University conducts wide-ranging research that addresses challenges in a broad range of disciplines.

Professors and students collaborate on studies in science, technology, engineering and medical fields, among many others, on campuses in Glassboro, Mantua Township, Camden and Stratford. Their goal is to find solutions to some of today’s pressing problems and develop intellectual property that will lead to the creation of companies that support the State’s economy.

GROWING IN FUNDING, PROGRAMS

Located 20 miles southeast of Philadelphia, Rowan has longstanding relationships with many business, government and health care organizations and has received consistent funding from such entities as the National Science Foundation and National Institutes of Health. In the last five years, Rowan has grown its funded research six-fold.

The University itself invests heavily in research. In 2014, the Rowan University

Foundation, the institution’s philanthropic and fundraising arm, committed \$5 million to a new venture capital fund to fuel research initiatives by faculty, students and alumni and South Jersey inventors/entrepreneurs. A catalyst to spur innovation and create jobs, the Fund has invested in several proposals in the last year.

As Rowan expands its research initiatives, it grows in other ways as well. Today, Rowan draws more than 16,000 students from throughout the state, neighboring states and abroad for bachelor’s, master’s and doctoral programs. Since 2012, Rowan has developed several new undergraduate degree programs in engineering and science, including Biomedical Engineering, Engineering Entrepreneurship, Translational Biomedical Sciences, Bioinformatics, Biophysics, and Computing & Informatics, along with Ph.D. programs in Engineering and other disciplines.

IMPROVING EDUCATION AND HEALTH CARE

In May 2016, Cooper Medical School of Rowan University, Camden, graduated its first class



of students. In 2012, Rowan and Cooper University Health Care founded the school, the first new medical school in New Jersey in 35 years. The following year, Rowan incorporated the Stratford-based School of Osteopathic Medicine and the Graduate School of Biomedical Sciences, making the University one of only two schools in the nation to award both M.D. and D.O. degrees.

SPECIALTIES

Rowan University is home to a number of centers of excellence recognized regionally and/or globally, including:

- The South Jersey Technology Park features 16 sponsored research labs; a business incubator; and a Virtual Reality Center that includes an R&D 3D lab, a data wall for programming and design development, prototyping capabilities, and a 3D immersive environment for collaborative projects.
- The Center for Research and Education in Advanced Transportation Engineering systems, scheduled to open this year, will house a new Heavy Vehicle Simulator that will enable researchers to determine the long-term effects of wear and tear on roadways.
- The New Jersey Institute for Successful Aging serves older individuals and their families, providing medical care in varied settings and offering training for health professionals in multiple disciplines.
- The internationally recognized Child Abuse Research, Education & Service Institute

“Rowan University conducts research that addresses challenges in numerous fields and meets the needs of business and government.”

—Dr. Ali Houshmand, President



provides help and compassion—and, ultimately, hope—for children who have experienced abuse. Acknowledged as a model of excellence in healing children and families who have experienced abuse, neglect and violence, the CARES Institute is the only dedicated diagnostic and treatment center in South Jersey.

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