

MAKE POSSIBLE

THE CAMPAIGN FOR
CARNEGIE MELLON UNIVERSITY

FUTURE OF SCIENCE INITIATIVE

TRANSFORMING SCIENTIFIC DISCOVERY FOR A NEW AGE

“Pittsburgh’s future — and the future of U.S. innovation and global competitiveness — are inextricably linked to scientific and technological advances, and how well organizations, communities and industries can stay ahead of the rapid pace of change.

**CARNEGIE
MELLON IS
POSITIONED AT
THE FOREFRONT
OF SCIENCE AND
INNOVATION’S
GREAT PROMISE.”**

— Farnam Jahanian,
President, Carnegie
Mellon University



Carnegie Mellon University achieved its position as a global leader by making big bets on what would be important for the future of education, research, the workplace and the world.

In 1965, the university bet big on computer science, creating one of the first departments dedicated to the field. In 1979, it bet big on robotics, creating higher education’s first robotics institute. In a short time, CMU became the leader in these fields.

Our next big bet will revolutionize science.

In May 2021, the university announced its \$250 million future of science initiative that will include the construction of the Richard King Mellon Hall of Sciences on the Pittsburgh campus, the world’s first cloud lab at a university and expanded support for scientific research organized around cross-disciplinary fields with incredible potential for breakthrough innovations. While the Mellon College of Science will be a large beneficiary of this initiative, it will provide opportunities for scientists across the university’s seven schools and colleges and promote interdisciplinary collaboration.

With your support, we will transform scientific discovery and education for the 21st century, using our strengths in the foundational sciences, engineering, and computer and data sciences to make groundbreaking innovations that will benefit all of humankind.

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YOU CAN HELP

REDEFINE SCIENTIFIC DISCOVERY *at* CARNEGIE MELLON

Science is in the midst of a rapid transformation — one that CMU is uniquely positioned to lead with our complementary strengths in the foundational sciences, computation, engineering and data analytics. This new kind of science has limitless potential to change lives around the world.

Your investment in the three pillars of the future of science initiative is an investment in a better future for all.

1 RICHARD KING MELLON HALL OF SCIENCES

This interdisciplinary next-generation facility with space for the Mellon College of Science and School of Computer Science will be designed and built with flexibility in mind, allowing labs to be configured and reconfigured to encourage collaboration and to quickly mobilize to answer emerging problems. Classrooms, teaching labs and other spaces will be created with the intention of inspiring students and preparing them to become future scientists and leaders.

2 CARNEGIE MELLON UNIVERSITY CLOUD LAB

The world's first academic cloud lab — a shared, remote-controlled, artificial intelligence-driven robotic facility — will accelerate the speed of scientific discovery, spur collaboration in the scientific process and democratize science by removing the limitations of cost and availability of scientific equipment for both those inside Carnegie Mellon and the broader scientific community.

3 RESEARCH OF THE FUTURE

Powerful cross-disciplinary teams will focus on emerging areas with the potential for world-changing breakthroughs. These collaborations will tear down intellectual and physical barriers between disciplines when asking — and answering — critical questions in key areas.



“Our vision for the future of science is one that brings together the foundational sciences with artificial intelligence, machine learning, engineering, data science and human ingenuity to solve real world problems.

Carnegie Mellon University is betting that **OUR VISION FOR THE FUTURE OF SCIENCE WILL TAKE THE UNIVERSITY TO THE NEXT LEVEL** and is putting the resources behind that vision.”

— Rebecca Doerge,
Glen de Vries Dean,
Mellon College of Science

Carnegie Mellon University

5000 Forbes Avenue
Pittsburgh, PA 15213

makepossible.cmu.edu/future-of-science

**Contact
information:**

Nancy Felix

Associate Dean for Advancement,
Mellon College of Science
412-268-6442 or nfelix@andrew.cmu.edu