



COLLEGE OF SCIENCE



Purdue scientists have a track record of pioneering groundbreaking discoveries, and we're leading the way in pursuing pillars of excellence in the life sciences. This University initiative, led by two of our top faculty, will coalesce our life sciences research to enable a high national impact.

College of Science researchers help solve problems that affect people around the world. Our experts in statistics examine how healthcare services can be better delivered to patients more efficiently with better communication. Our dark matter experts work to understand what the universe is made of and what those discoveries mean for humankind.

Faculty and students from departments across the College tackle the biggest issues we face today. Our goal is to provide them with the resources they need to make new research breakthroughs.

HOW YOU CAN HELP

Through Ever True: The Campaign for Purdue University, we're expanding our reach: providing a more accessible and affordable education, increasing professorships, cultivating critical research, and transforming existing buildings into 21st-century classrooms. With your help, we can equip our students and faculty to change the world.

Science has been a driving force at Purdue since the University's first graduating class in 1875, which consisted of just a single graduate in Chemistry.

From this modest beginning, College of Science faculty and students have created a legacy that has changed — and will continue to change — the world. Their accomplishments are breathtaking: a Purdue scientist was the first to map the atomic structure of the common cold virus, the analytical chemistry program ranks first in the nation, and Purdue Science alumni include an astronaut who conducted critical repairs to the Hubble Telescope.

Today, we look ahead to the next century. Our planet faces extraordinary challenges, from emerging diseases and food shortages to complex questions raised by technological advancements

like artificial intelligence. Throughout our seven departments, the College of Science is working to create extraordinary solutions to these problems as we equip the next generation of scientific leaders.

We've started by putting students first. We're investing in well-rounded individuals, giving them opportunities to succeed both inside and outside of the classroom. We encourage our students to learn beyond the classroom through programs that enhance their potential on the job market, such as volunteer work, internships, job shadowing, and study abroad programs. And this year, the College of Science first-year class is the largest in our history.

Our efforts are already making an impact. We're building upon these strengths by championing innovation.

CAMPAIGN INITIATIVES >

2012-2019 CAMPAIGN INITIATIVES

STUDENTS

Increased student support will help make a Purdue education accessible and affordable, and encourage undergraduate and graduate students to bring their skill sets to the College of Science.

FACULTY

World-class researchers have never been in greater demand, especially those who specialize in our areas of focus, from genomics and structural biology to Big Data and artificial intelligence to mathematical numerical methods. Increasing our **resources and named professorships** will help us recruit and retain top faculty, who in turn attract the very best students.

PROGRAMS

This year, we launched an initiative to deepen our investment in the life sciences, building on the strength of our faculty and expanding their potential to make advancements in areas such as neuroscience, cell biology, immunology and infectious diseases. We're also investing in our students by enriching their college experience and preparing well-rounded graduates for the workforce. The College of Science has doubled the number of students participating in study abroad, and we're building an endowment to ensure even more students can expand their educational horizons while living abroad.

In our local community, we're fulfilling our mission as a land-grant university and connecting with students, even before they arrive to our classrooms. Our K-12 Outreach program has helped nearly one million students over the last 25 years, sparking their interest in science and mathematics through hands-on learning.

Support for these programs and others in the College of Science will help us **strengthen our efforts, make important scientific discoveries, and boost our national rankings.**

FACILITIES

We're exploring ways to **repurpose space** across campus and transform existing buildings into 21st-century classrooms. Renovations and repairs to these environments will enhance student learning and foster creativity.

UNRESTRICTED

Unrestricted gifts to the College of Science will have a **multiplier effect**, giving us the flexibility to direct funds where they are most needed and providing new opportunities to champion innovation.