THE PERSISTENT PURSUIT
OF THE NEXT GIANT LEAP

TOP 10
MOST INNOVATIVE SCHOOL IN THE U.S.
4 YEARS RUNNING
Source: U.S. News & World Report, 2022
Over 150 Years of Pursuing Innovation.

Throughout our history, generations of Boilermakers have left their mark. In small steps and giant leaps. And today, we continue in those footsteps. Because the world still faces tough challenges. Generations of leaders are still required to move us forward. The adventure still lies ahead. So we keep going. Always taking the next step as people bring their best and learn to build a better world.
In the 1890s, an area newspaper referred to our winning football team as “Burly Boiler Makers from Purdue.” The nickname stuck, and so did our reputation for hard work, industriousness and commitment.

On the field, the court, the track and everywhere that Boilermakers compete, we are driven to win. And we bring this same work ethic and intensity to all that we do: cutting-edge research; world-class education; driving economic growth; and service to our state, nation and world.
With these five strategic imperatives, we will advance our university, community and the world:

1. **AFFORDABILITY AND ACCESSIBILITY**
   We are setting a national standard for prioritizing student access and keeping the cost of education low.

2. **ONLINE EDUCATION**
   We are leveraging the best and most successful instructional technologies with proven teaching pedagogies to deliver a Purdue education to all types of students online.

3. **STEM LEADERSHIP**
   With historic strengths in science, technology, engineering and math (STEM), we are answering the national call to prepare a greater number of highly capable graduates in these disciplines.

4. **WORLD-CHANGING RESEARCH**
   We are a national and global leader in discovery and innovation, with a depth and breadth of research capability and talent that few universities can match.

5. **TRANSFORMATIVE EDUCATION**
   We are at the forefront of innovation in delivering higher education, both inside and outside the classroom, giving students access to some of the most effective and modern teaching and learning approaches, which better prepare them for real-world careers.

**Purdue Moves**
Since 2013, Purdue University has advanced an ambitious agenda to place us among the great academic institutions of the world, a plan called Purdue Moves.
Our Next Moves.

Moving forward, Purdue’s Next Moves represent five new strategic imperatives, carefully studied and selected from a long list of worthy endeavors. Like the preceding initiatives, The Next Moves will leverage distinct strengths and harness the power and the people of Purdue today to advance our university, community and the world toward a safer, more sustainable and equitable place.

1. PLANT SCIENCES 2.0
By investing in plant sciences, we will grow graduates, entrepreneurs and the AgBiotech industry to ensure a future where the environment and agriculture work hand-in-hand to both feed the world’s population and strengthen our ecosystems.

2. NATIONAL SECURITY AND TECHNOLOGY INITIATIVE
Through a strategic focus on the systems that keep us safe and secure, we’re exploring new energetic materials and systems, hypersonic and space vehicles, cybersecurity and secure microelectronics.

3. PURDUE APPLIED RESEARCH INSTITUTE (PARI)
Our sponsored research portfolio has strong support for basic research and ranks in the Top 20 nationally for funding from the National Science Foundation. PARI is focused on digital innovation in agri-food systems, national security and technology, and global development and innovation.

4. TRANSFORMATIONAL EDUCATION 2.0
We will offer the most innovative residential learning program in the U.S. among large research universities through a deep investment in high-touch experiential learning opportunities, creative use of advanced technologies, flexible degree options, integrated student life experiences and a data-driven ecosystem.

5. PURDUE EQUITY TASK FORCE
We are committed to ensuring that all members of the university community have the opportunity to experience all Purdue has to offer equitably, focusing on barriers to success of students, faculty and staff of color and specifically the experience of Black Boilermakers.
Purdue was founded in 1869 with John Purdue’s generous donation of land and money to establish a university with strengths in science, technology and agriculture. Ground was broken two years later, and we’ve been doing groundbreaking work ever since.

We are proud to be the land-grant university of the state of Indiana, and to serve our state with our expertise in science, technology, engineering, health, agriculture, education, management, liberal arts and more. And in this role, we are driven to advance research that focuses on our world’s biggest challenges, to build human capital and drive our economy, and to engage more deeply with our partners within our state and throughout our region.
Our Global Student Network: Over 102,000 Boilermakers Strong

Supported by the strength of an alumni network of 600,000+
Giant Leaps in History

Purdue is called the “Cradle of Astronauts” as 26 of our graduates, including Neil Armstrong, the first person to walk on the Moon, have become astronauts. And back here on Earth, we’re conducting research in comet imaging, hypersonic vehicles, Mars missions and an interplanetary superhighway.

Historic Strength in STEM

Today, we’re building on our strength in STEM to answer the call for more innovation, economic growth and solutions to global challenges. We are champions for research and innovation on a global scale. Purdue researchers and innovators have advanced thinking in:

- Mapping the structure of the Zika virus.
- Creating new food sources for a growing world.
- Designing experiments for the International Space Station.
- Developing technology that prevents cyberattacks.

We’re expanding our efforts to graduate more students in engineering and other fields who are leading the way to develop new energy, health care and environmental solutions.

#4

GRADUATE ENGINEERING PROGRAMS
Source: U.S. News & World Report, 2022

TOP 10

UNDERGRADUATE ENGINEERING PROGRAMS
Source: U.S. News & World Report, 2022
A Stronger, Safer Future
We’re bringing new thinking to combat rapidly rising global threats. In our Institute for Global Security and Defense Innovation, Purdue researchers bring advanced instrumentation, nanotechnology, social and behavioral sciences, big data analytics, and simulations together to shape the future of national defense.

Powerful Partnerships
In collaboration with aerospace engine manufacturing giant Rolls-Royce, we are expanding facilities in the Purdue Aerospace District, adjacent to the university campus. These new test facilities will help power the next generation of U.S. military aircraft and help further Purdue’s role as a leader in national security and technology as well as an economic engine for the region.

Source: U.S. Patent and Trademark Office, 2020
Source: IPWatchdog Institute, 2020
Keeping Tuition Affordable
We believe that all students should be able to afford and access a world-class Purdue education. So we’ve frozen tuition every single year since 2012-13, locking in this rate through at least 2022-23. And we launched the “Back a Boiler” Income Share Agreement as an alternative to private student loans.

Driven by Data
The Data Mine is Purdue’s fully immersive living and learning community where more than 600 students collaborate and learn from each other in the pursuit of data-infused innovation. Additionally, we’re finding ways to incorporate data into every discipline at Purdue to prepare the data-fluent workforce of the future.

Innovative Spaces for Discovery
We’re investing in facilities that encourage specialized research. Our 108,000-square-foot Flex Lab in Discovery Park is home to wet-lab, dry-lab and collaborative spaces supporting boundary-breaking innovation across disciplines. The Discovery Park District, integrating academic and community spaces, is a completely redeveloped area adjacent to the west side of the West Lafayette campus.

Rethinking High School
Purdue Polytechnic High Schools in Indianapolis and South Bend are equipping students with the design-thinking and problem-solving skills they’ll need to pursue high-tech and STEM-related careers.
Student-Centered, Future-Focused

Our faculty are redesigning courses to include more discussion, activity and interaction, and more opportunities for practical application, internships and real-world problem solving. It’s resulting in higher test scores and students who are better prepared to solve problems.

And the 164,000-square-foot Thomas S. and Harvey D. Wilmeth Active Learning Center includes collaborative active-learning rooms, an engineering and science library, and 24/7 study spaces.

A Better-Prepared Workforce

We’re giving our students every advantage as they seek the jobs of the future. At our Industrial Roundtable career fair, over 12,000 students interact, learn about and make connections with representatives from approximately 400 companies from across a variety of cutting-edge fields and industries.
Our Global Reach
Purdue University Global delivers personalized online education tailored to the unique needs of nontraditional learners, enabling them to develop essential academic and professional skills they need to achieve their career goals.

We are proud of the community that’s growing here. From our main campus in West Lafayette, Indiana, to our additional campuses across the state — Purdue Fort Wayne, Purdue Northwest and IUPUI — and all over the world via Purdue Global, we are bringing together students from every background, every perspective and every walk of life.
At Purdue, we’re transforming learning inside and outside the classroom. New teaching methods, collaborative environments and innovative experiences on and off campus prepare Boilermakers for successful careers and fulfilling lives.

**Reaching New Communities**
Community engagement is a critical component of our land-grant mission. We’re using our resources to improve prosperity and quality of life for people in Indiana and around the globe by working with communities, schools, governments, businesses and individuals.
A Space for Everyone
In our University Residences, students learn and grow through the relationships they make, becoming a close-knit community of civic-minded global citizens. With unique educational opportunities, recreation and clubs, access to faculty members, and proximity to all the resources of campus, every Purdue student has room to focus on their goals.

An Education That Doesn’t Stop
Our year-round education helps students incorporate internships, study abroad and research into their experience, while completing their degrees faster and increasing graduation rates. The Summer Start program is a five-week module that allows students to accelerate their academic progress over the summer months.

Living and Learning, Together
By incorporating collaborative learning right into student living spaces, we’re putting all Boilermakers on the path to success. For example, our Honors College and Residences enables 850 honors students to live and learn together within 20,000 square feet of academic space.