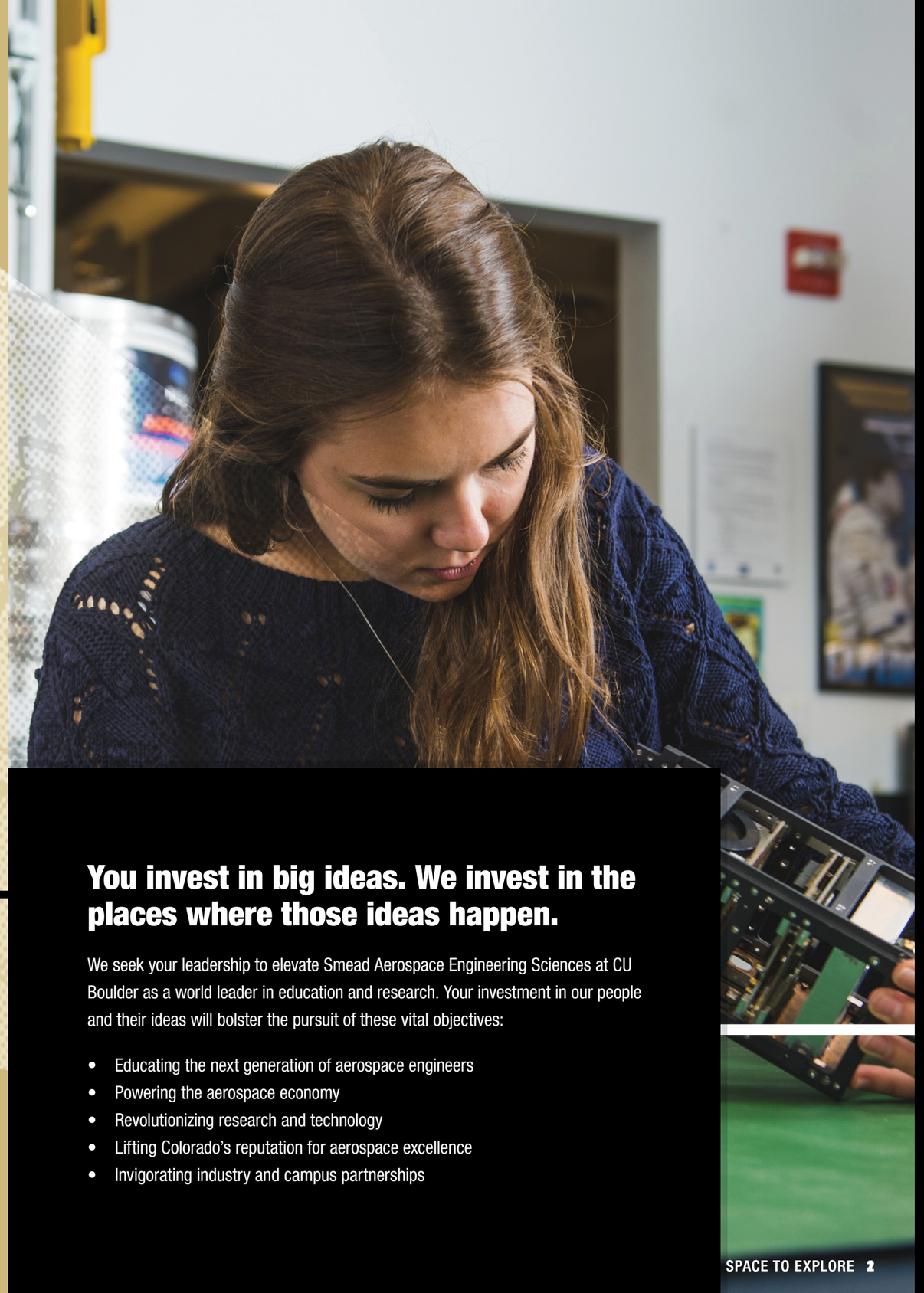
SPACE TO EXPLORE

Ann and H.J. Smead
Aerospace Engineering Sciences
UNIVERSITY OF COLORADO **BOULDER**

AMBITIOUS IDEAS CALL FOR EXPERIENCED **LEADERSHIP** AND VISIONARY **PARTNERS.**

The University of Colorado Boulder is accelerating aerospace education and research to ignite the imagination, power economic engines and invent technology that improves lives. Our brightest minds conceive ambitious ideas today to shape the future of aerospace, and they achieve breakthroughs at an increasingly rapid pace. The next great leap is happening now. Together, we can lead the way.

Explore the new Aerospace Engineering Sciences Building and more in the back folder.



You invest in big ideas. We invest in the places where those ideas happen.

We seek your leadership to elevate Smead Aerospace Engineering Sciences at CU Boulder as a world leader in education and research. Your investment in our people and their ideas will bolster the pursuit of these vital objectives:

- Educating the next generation of aerospace engineers
- Powering the aerospace economy
- Revolutionizing research and technology
- Lifting Colorado's reputation for aerospace excellence
- Invigorating industry and campus partnerships

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We will enhance partners' investments by building a world class facility where our talented students, faculty and researchers can thrive.

In 2019, these new academic and research spaces dedicated to aerospace will open on CU Boulder's east campus. The building will serve as a hub for student success, collaboration, research and innovation.

STUDENT SUCCESS GUIDES OUR PURPOSE.

EDUCATING THE NEXT GENERATION OF AEROSPACE ENGINEERS

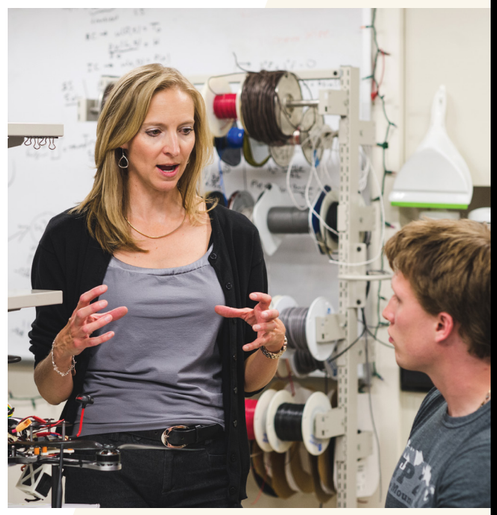
Our students benefit from an education ranked among the top in the world. They learn from award-winning faculty in hands-on labs to gain the skills they need to succeed. Students work alongside aerospace companies and campus partners on new research projects and commercial opportunities—in addition to forging crucial connections to employers and industry experts.

Our graduates become entrepreneurial leaders in aerospace, technical experts in industry and government labs, and educators and mentors for future generations inspired by flight and space exploration. And as we continue to attract talented faculty and create the best collaborative learning environments, our graduates will hold a tremendous advantage when entering the workforce: a strong technical education with exposure to innovative people and ideas.

An investment in our students today ensures their access to the boldest ideas in aerospace.

> “Having spent so much time with the CU aerospace team, I’ve seen their commitment to excellence and quality of research up close, which is why so many of the brightest minds flock to CU Boulder to study for the unique hands-on curriculum.”
>
> **— Ann Smead**

Michael Byram and Ann Smead, longtime supporters of Smead Aerospace Engineering Sciences.

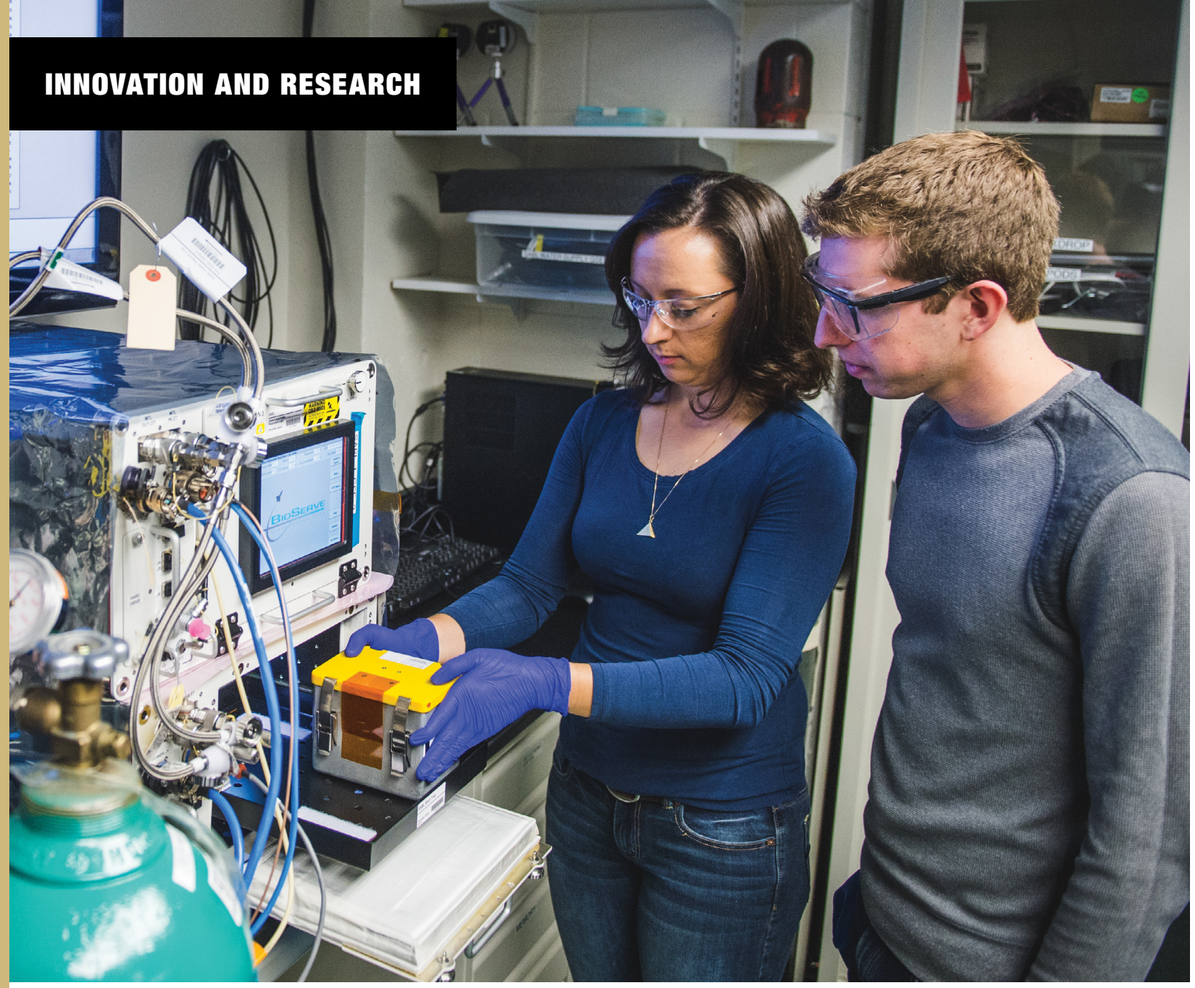


Our graduate and undergraduate programs rank **#6** and **#8** among public institutions.

Our PhD program is ranked **#3** in the country by the National Research Council.

Our undergraduate and graduate enrollments are projected to increase by **10.4%** and **20.2%** by 2019—more than tripling the campus' growth.

INNOVATION ACCELERATES RESEARCH IMPACT.



TRANSFORMING BIG IDEAS TODAY FOR AEROSPACE TOMORROW

Our researchers combine science and engineering to transform discoveries into groundbreaking advancements in weather and climate science, defense technology, global communications, transportation and more. We develop mission-focused designs in unmanned aircraft systems and small satellites to help us better understand complex global challenges and improve our world. We invest in bioastronautics research to further our knowledge of human space flight environments.

As the top NASA-funded public institution in the world, CU Boulder holds a key advantage in drawing industry-funded research and attracting the most ambitious thinkers.

An investment in our innovative minds today will spark tremendous technological advancements tomorrow.

> “Very little matters for the future competitiveness of the Colorado space economy as much as the efficiency and speed of the state’s innovation ecosystem, which will increasingly depend on effective collaboration, especially between the state’s universities and industry.”
>
> **Brookings Institution Report**

19 of our faculty are American Institute of Aeronautics and Astronautics fellows or associate fellows.

Our faculty is ranked in the **top 8% nationally** in research productivity.

CU Boulder is the **#1 public university recipient of NASA awards** in the world.

> “Colorado’s innovative workforce, thriving research and development assets, and supportive business climate create an ideal environment for aerospace companies to grow and expand.”
>
> **Metro Denver Economic Development Corporation**

COLLABORATING WITH INDUSTRY TO GROW THE AEROSPACE ECONOMY

Our industry partnerships develop highly skilled engineers who are prepared to build the novel aerospace systems of the future. We focus on bringing innovation to commercial markets and government partners with increased speed.

Private industry is leading the way in aerospace technology, and partnerships with CU Boulder are the fuel for this resurgence. As home of the nation’s second-largest aerospace economy, Colorado and its top-ranked aerospace program in Boulder are the engine of innovation the nation’s aerospace industry demands. Together, this economic dual-threat will advance aerospace for decades to come.

An investment in CU Boulder aerospace is a sure bet for the future of the aerospace economy in Colorado and around the world.

More than **25,000 employees** work in about **400 aerospace companies** in Colorado.

We partner with cross-disciplinary research organizations and departments like the **Laboratory for Atmospheric and Space Physics.**

Colorado is **#1** nationally in aerospace employment per capita and the **#2** aerospace economy in the nation.

This **mission patch** symbolizes our commitment to creating a hub of aerospace excellence that boosts the brightest minds and their bold ideas.

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Be Boulder.
In AEROSPACE

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