

Human performance

Translating health research and discovery into practice

With a commitment to competitive excellence both on the field and in the classroom, ASU provides the best in human performance research and education. In-depth performance and sport research benefits student athletes, promotes societal ideals and establishes opportunity for collaborative partnerships.

The College of Health Solutions translates scientific health research and discovery into practice by bringing together researchers, faculty, students and community partners on specific health challenges.

- Education includes bachelor's, master's, and interdisciplinary PhD degrees encompassing nutritional sciences and exercise, including a nationally accredited degree concentrated in dietetics.
- Researchers, clinical and community partners, industry innovators, and students with different skills and perspectives come together to create real-world solutions to improve human performance.

The School of Biological and Health Systems Engineering seeks to transform society through

developing use-inspired technologies and getting those technologies into use through entrepreneurship. In partnership with a wide range of collaborators, research is multidisciplinary for global impact.

- Bioimaging.
- Biosensors and bioinstrumentation.
- Molecular, cellular and tissue engineering.
- Neural rehabilitation engineering.
- Synthetic biology and systems bioengineering.



The ASU advantage

The **ASU Global Sport Institute** partners with the ASU Edson Entrepreneurship + Innovation Institute. Together they are focused on two key elements: practice and knowledge, aiming to support students pursuing an entrepreneurial endeavor. They offer one-on-one coaching, grant funding opportunities and a wide mentor network. These institutes educate and empower people to utilize an entrepreneurial mindset throughout their academic and professional careers.



Global Sport Institute releases National Snapshot Poll – American Opinion on Sport

ASU Athletics Village coming to the Novus Innovation Corridor

Global Sport Institute

Diverse disciplines converge to thoughtfully examine critical issues impacting sport. The institute's efforts are integrated from engineering to sociology, to the athletic department and beyond. Supported by a combination of institutional ASU funding and a significant philanthropic gift from adidas, the Global Sport Institute hosts a multitude of impactful research projects sharing findings through innovative formats to positively influence the world through sport.

adidas-ASU Center for Engagement Science

A hotbed for discovery, where industry and academia join forces to create a systematic approach to understanding the cognitive, emotional and environmental processes that drive individuals toward engagement with products, experiences and stories.

- Lab-based, on-site or remote interactive behavior assessment, experience optimization tools and methodologies.
- End to end data aggregation and analytics platform architecture.
- Product, experience and narrative perceptual and emotional response quantification.
- Physiological, neural, psychological, gesture and human kinematics data analysis.

Mayo Clinic and ASU Alliance for Health Care

The ASU Health Futures Center represents the collaboration between ASU and Mayo Clinic with a shared goal of improving health and wellbeing outcomes in the community. The center features a med-tech innovation accelerator, biomedical engineering and informatics research labs, and an innovation education zone.



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#1 in the U.S. for innovation

ASU ahead of MIT and Stanford

— U.S. News & World Report, 7 years, 2016–2022

