

Repeatedly ranked #1 in the U.S. in innovation, sustainability, global impact, air and climate and more

ASU-designed tech on way to Jupiter's icy moon Europa on NASA mission

Sun Devil Football won Big 12 championship in its first season in the conference

2024

# Year in review

Highlights from another year of innovative breakthroughs

## ASU Charter

ASU is a comprehensive **public research university**, measured not by whom it excludes, but by **whom it includes** and how they **succeed**; advancing **research and discovery** of public value; and assuming **fundamental responsibility** for the economic, social, cultural and overall health of the **communities** it serves.





# Year in review

By the numbers

## Repeatedly ranked

# #1

### innovation

ASU ahead of MIT and Stanford

– U.S. NEWS & WORLD REPORT, 10 YEARS, 2016–25

### sustainability

ASU ahead of Stanford and Cornell

– ASSOCIATION FOR THE ADVANCEMENT OF SUSTAINABILITY IN HIGHER EDUCATION, 2 YEARS, 2023–24

### global impact

ASU ahead of MIT and Penn State

– TIMES HIGHER EDUCATION, 5 YEARS, 2020–24

### air and climate

ASU ahead of Stanford and Cornell

– ASSOCIATION FOR THE ADVANCEMENT OF SUSTAINABILITY IN HIGHER EDUCATION, 2 YEARS, 2023–24

### RESEARCH IMPACT

ASU is one of the **fastest-growing research enterprises**



in the U.S. with \$904M total research expenditures in FY23

– ASU KNOWLEDGE ENTERPRISE

**Top 10 in the world for U.S. patents**

ASU along with MIT, Stanford, Harvard

– U.S. NATIONAL ACADEMY OF INVENTORS, 2023

**1,500+ new U.S. patents\***

with 184 new patents in FY24

– U.S. PATENT AND TRADEMARK OFFICE

\*From July 1, 2002 to June 30, 2024

### ECONOMIC IMPACT

**\$2.5+ billion economic output\***

has been generated within Arizona from the ASU-linked companies to date

– SKYSONG INNOVATIONS

\*From July 1, 2002 to June 30, 2024

**\$1.4+ billion**

in external funding has been raised by 250+ ASU startup companies facilitated to date

– SKYSONG INNOVATIONS

### FUTURE INNOVATORS

**Top producer of elite scholars**

For 10 years, ASU has been a top-producing university for elite scholars, including Rhodes, Marshall, Gates Cambridge, Truman Scholars and more. ASU ranks in the top 15 overall for Fulbright awards, ahead of UC Berkeley, Duke and Cornell, and is the No. 2 public university ahead of UNC-Chapel Hill and UCLA.

– LORRAINE W. FRANK OFFICE OF NATIONAL SCHOLARSHIPS ADVISEMENT, 2024

**Top 5 'Best Colleges for Future Leaders'**



among public universities, ranked by Time, based on career milestones of a group of top U.S. leaders, including where they received their degrees.

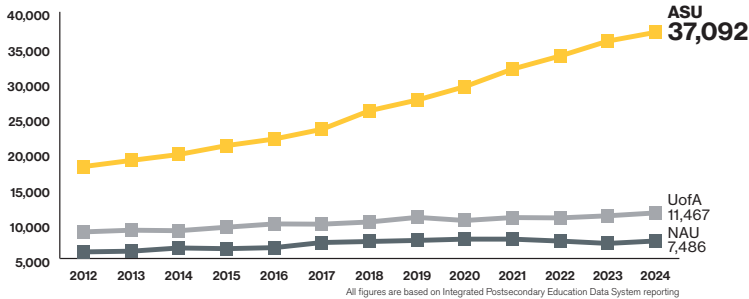
ACADEMICS

## Top producer of grads in the state

ASU annually awards thousands of college degrees to innovators who excel in engineering, business, education, the arts and other fields. In 2023–24, ASU granted 23,682 associate and bachelor’s degrees and 13,410 master’s, law and doctoral degrees.

– ASU OFFICE OF INSTITUTIONAL ANALYSIS, UOFA UNIVERSITY ANALYTICS AND INSTITUTIONAL RESEARCH, NAU INSTITUTIONAL RESEARCH AND ANALYSIS

### Degrees awarded



### Top 5 in the U.S. for best online bachelor’s programs

ASU ahead of Texas A&M University, University of Arizona and George Washington University

– U.S. NEWS & WORLD REPORT, 2024

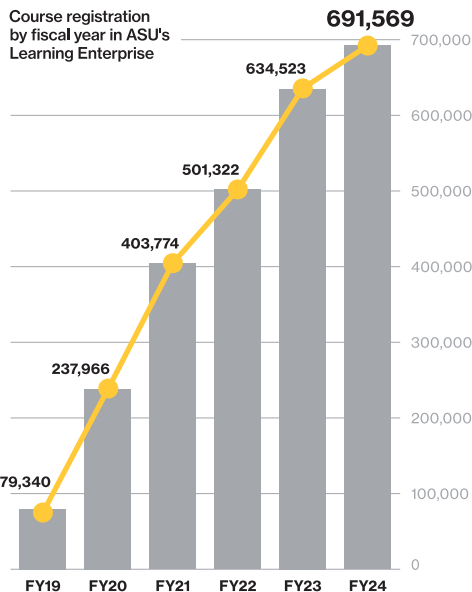
### 44 programs in the top 10 in the U.S. along with 83 ASU degree programs in the top 25

– U.S. NEWS & WORLD REPORT, 2024

## Learning at every stage in life

ASU serves learners from K–12, career development and beyond. We’re evolving the American research university model, providing learning to everyone with accessible digital learning tools and resources for all ages. ASU works in 2,000+ partnerships, collaborating in education, industry and community sectors across 140 countries.

– ASU LEARNING ENTERPRISE, 2024



## A top U.S. university

based on key indicators including academic reputation, employment outcomes, international research network and sustainability

ASU ahead of Dartmouth, Georgetown and Notre Dame

– QS WORLD UNIVERSITY RANKINGS, 2025

## #2 in the U.S. for employability among public universities

ASU ahead of UCLA, University of Michigan and Purdue

– GLOBAL EMPLOYABILITY UNIVERSITY RANKING AND SURVEY, 2025



### PHILANTHROPY

## \$320.4 million

### in new gifts and commitments

for students, faculty, research and community programs in FY24

**108,481** individual, corporate and foundation donors in FY24

### ATHLETICS

- **Highest Academic Progress Rate**  
Sun Devil Athletics achieved the highest APR in its conference (the Pac-12 at the time).
- **165 student-athletes earned degrees** in 2023–24, including 58 with honors.
- **National champions** Men’s Swimming team championship, Wrestling’s Richard Figueroa wins individual championship, Triathlon’s Naomi Ruff wins individual championship.

# Year in review

## In the news



### ASU a top producer of Fulbright Scholars

ASU is one of only seven doctoral-level institutions recognized as a top producer of Fulbright awards among both students and faculty, according to the Chronicle of Higher Education.



### Reducing fire risk in Northern Arizona

In collaboration with Arizona's Salt River Project utility, ASU is investigating whether forest thinning will increase water supplies, in



addition to reducing wildfire risk and protecting important infrastructure.

### ASU BIOS provides data to NASA measuring marine life in its smallest form

ASU Bermuda Institute of Ocean Sciences partnered with NASA on its Plankton, Aerosol, Cloud ocean Ecosystem satellite mission to improve understanding of how the ocean and atmosphere interact. As part of the PACE Validation Science Team, ASU BIOS is providing measurements enabling prediction of fisheries cycles, appearance of harmful algae and other factors that affect commercial and recreational industries.

**\$70 million** in funding to secure competitiveness in U.S. manufacturing in the global economic environment with clean energy. The Electrified Processes for Industry without Carbon institute, or EPIX, helps eliminate carbon emissions with new technology and workforce development.



### 250 million biology learners

Ask A Biologist, a free online learning resource for K-12 students offered by the School of Life Sciences, tallied more than 7 million visitors under age 25 in 2024. The site offers nearly 700 activities and resources.

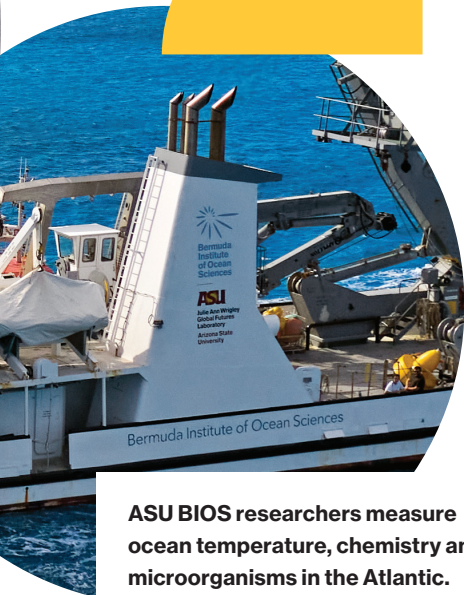
### New biology class model expanded on campus and online

Making science more accessible for societal and workforce demands, ASU scaled up its NeoBio program reach to serve 14,336 learners in 2024. NeoBio includes adaptive learning and immersion in a virtual reality lab with narrative-style storytelling on campus and online. Learners outperformed their peers in traditional classes by almost a full letter grade.





# 2024



**ASU BIOS researchers measure ocean temperature, chemistry and microorganisms in the Atlantic.**

Wrestler Richard Figueroa won the NCAA national championship in the 125-pound weight class.



## Engineering school, first of its kind, launched in the West Valley

The new School of Integrated Engineering on the West Valley campus introduced two new flexible engineering science degrees – one that combines math, science and engineering with a student’s chosen concentration and another focused on microelectronics.

**West Valley Forward**



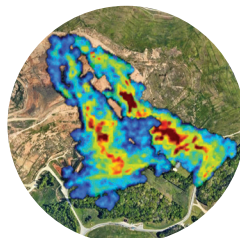
## First-ever university partnership with OpenAI



ASU is partnering with OpenAI to enhance student success through new projects with faculty, staff and students. One example is “Sam,” an AI-generated patient that allows medical and behavioral care students to practice interviewing.



**W. P. Carey School of Business launched a Master of Science in Artificial Intelligence in Business.**



**A first-ever study by ASU researchers in collaboration with Carbon Mapper found methane super-plumes in U.S. landfills.**

## Winning big at NCAA nationals and the Paris Olympics

Sun Devil Men’s Swim and Dive dominated the 2024 NCAA championships, winning seven events and setting nine school records and three NCAA records. In Paris, Léon Marchand and Ilya Kharun won four individual gold medals and three individual bronze Olympic medals, collectively.



**100,000 students have graduated from ASU Online**

In May, the university reached a milestone since starting to offer online learning.

**ASU repeatedly secured multimillion dollar funding awards to lead microelectronics partnerships, including \$100 million to strengthen U.S. semiconductor packaging and \$30 million for the Southwest Advanced Prototyping Hub, driving innovation, workforce development and national security.**

## Golden State growth

More than 19,000 students from California enrolled at ASU in 2024. The university partners with all 116 California community colleges to deliver more than 400 pathways for transfer students.



The ASU FIDM Museum gave fashion students and the public a rare opportunity to view pieces from all of this year's Oscar-nominated costume designers, including Holly Waddington's work for "Poor Things."



# 275,000+

students served by the ASU-Cintana Alliance across a global network of 29 universities in 25 countries.

– GLOBAL ACADEMIC INITIATIVE, 2024



**ASU Law expanded its LA presence** in May, providing premier experiential opportunities that can lead students to jobs in intellectual property and entertainment law.



## Sun Devil Football won Big 12 championship in its first season in the conference

The team routed Iowa State 45-19 in the championship game to claim the Big 12 title. The Sun Devils earned a trip to the College Football Playoff quarterfinals Jan. 1 at the Peach Bowl. These historic events came in ASU's first season in the Big 12.\*



## K-12 education model reinvented by ASU Teachers College

Carole Basile, dean of ASU's Mary Lou Fulton Teachers College, addressed the U.S. Congress' education subcommittee to present the school's team-based staffing model – multiple educators sharing a roster of students in flexible learning spaces – provides "distributed expertise" to meet the needs of each student.

## HonorHealth named primary clinical affiliate for ASU School of Medicine and Advanced Medical Engineering

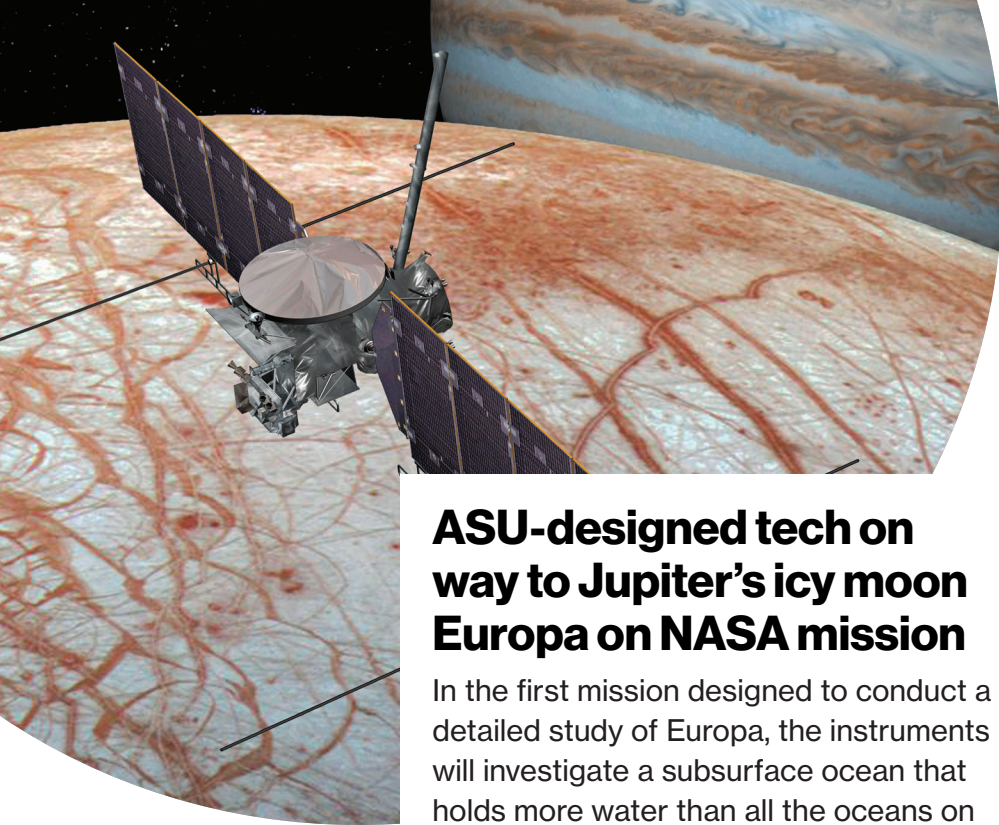
The collaboration with the locally owned nonprofit health system will create clinical education programs for developing a unique, nationally recognized medical education program.



Natalie Diaz, English professor, Pulitzer Prize winner and a MacArthur Foundation "Genius" Fellow, named a Freedom Scholar by the Marguerite Casey Foundation. She is Mojave and an enrolled member of the Gila River Indian Tribe (Akimel O'odham).

\*As of Dec. 8 press date.





## ASU-designed tech on way to Jupiter's icy moon Europa on NASA mission

In the first mission designed to conduct a detailed study of Europa, the instruments will investigate a subsurface ocean that holds more water than all the oceans on Earth and that may have conditions to support life. The spacecraft will travel 1.8 billion miles to arrive in April 2030.

## TIME 100 CLIMATE

Powered by TIMECO<sub>2</sub>

ASU President Michael Crow named to the 2024 TIME100 Climate list, the first university president to be included. It includes leaders from policy to business to education driving real climate action.

## XPRIZE™

ASU researchers and collaborators won the \$10 million XPRIZE Rainforest competition for creating a drone-based biodiversity measurement solution to protect endangered wildlife.

## Champions in robotics

Desert WAVE, the Women in Autonomous Vehicle Engineering, won the top place in the International RoboSub Competition.



## Volleyball won its first conference championship in program history

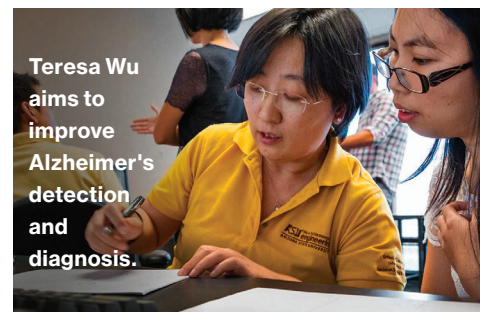
Under second-year head coach JJ Van Niel, ASU dominated in its first season in the Big 12, going 17-1 in conference play.



W. P. Carey's MBA for entrepreneurship was named the #1 in the U.S. and #2 in the world ahead of Duke University and UCLA by Poets&Quants. The ranking comes as the new Idealab Arizona will also grow ASU startups to increase jobs in Arizona.

## Better diagnostics for Alzheimer's

A research team in the Ira A. Fulton Schools of Engineering is creating better tools for early detection of Alzheimer's disease using artificial intelligence to harmonize separate PET scans.



Teresa Wu aims to improve Alzheimer's detection and diagnosis.

The Mayo Clinic and ASU Alliance for Health Care seed program funded 15 new startup recipients for its 2024 venture funding round. Funded projects include nonmetallic, implantable biomaterials; a point-of-care biosensor; and AI analysis of clinical evaluations.



ASU microelectronics startup Crystal Sonic won first place at the National Semiconductor Technology Center Symposium in Washington, D.C. It showcased acoustic technology that reduces material waste during the semiconductor manufacturing process.

## Celebrating 10 years of the ASU Charter

ASU's Charter is a bold promise to the communities we serve and a model for higher education itself. It sets out ASU's commitment to the inclusion and success of all who consider the university part of their story. Officially announced in 2014, the charter answers the question of what a "New American University" should be.

The people of ASU – the researchers, students, alumni and visionaries – and the things they accomplish in Arizona, the U.S. and around the world demonstrate the ASU Charter in action daily.

Ten years later, the combination of excellence and access – still a novel idea in higher education – continues to transform lives and advance society.



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