



THE
William Averette
Anderson **FUND**



Bill Anderson Fund

Fall Workshop

When

October 12-14, 2022

Where

**Arizona State University
Tempe, AZ**

What

- Professional Development
- FEMA Opportunities
- Water Management & Water Rights
- Just Resilience/Sustainability
- Environmental Justice
- Field Trip

Hosted by



**Arizona State
University**



Program Overview

October 12

3:30 - 4:00 p.m.

Session 1: Welcome (CAVC Atrium, 3rd floor)

4:00 - 7:00 p.m.

Session 2: Happy Hour (Uncle Maddio's, CAVC, 2nd floor)

October 13

8:30 - 10:00 a.m.

Session 3: Environmental Justice (CAVC 459)

10:00 - 10:30 a.m.

Break

10:30 - 12:00 p.m.

Session 4: Professional Development (CAVC 459 and 401)

12:00 - 1:00 p.m.

Break

1:00 - 2:30 p.m.

Session 5: Water Management and Water Rights (CAVC 459)

2:30 - 3:00 p.m.

Break

3:00 - 4:30 p.m.

Session 6: Just Resilience/Sustainability (CAVC 459)

4:30 - 5:30 p.m.

Session 7: Housekeeping (CAVC 459)

6:00 - 8:00 p.m.

Dinner (Caffe Boa)

October 14

8:30 - 10:30 a.m.

Session 8: Off-Campus Field Trip (hotel departure w/bus: 8am)

11:00 - 12:00 a.m.

Session 9: Closing Remarks and Lunch (CAVC 459)

**ARIZONA IS
3 HRS BEHIND
EAST COAST TIME**
**3 P.M. ARIZONA =
3 P.M. PDT
4 P.M. MDT
5 P.M. CDT
6 P.M. EDT**

Zoom Room for all sessions:

Link: [https://asu.zoom.us/j/86130862382?](https://asu.zoom.us/j/86130862382?pwd=V0x4ZkQrR2U1STFsVUxudzJPd0VGQT09)

pwd=V0x4ZkQrR2U1STFsVUxudzJPd0VGQT09

Meeting ID: 861 3086 2382

Password: 724257

Zoom Information

Professional Development Breakout Room (Oct. 13 at 10:30am):

Link: [https://asu.zoom.us/j/84507385074?](https://asu.zoom.us/j/84507385074?pwd=QXMrcXFBRIZCeEwyVUNiTkFORDFOZz09)

pwd=QXMrcXFBRIZCeEwyVUNiTkFORDFOZz09

Meeting ID: 845 0738 5074

Password: 505580



Bill Anderson Fund

Participation of historically underrepresented groups in disaster research and hazard mitigation is very important. Research has shown that racial and ethnic minorities often have increased difficulty evacuating prior to a crisis and are more likely to experience disproportionate physical and financial loss during disasters.

Founded in 2014 by Norma Doneghy Anderson, the William Averette Anderson Fund (BAF) has developed a mission dedicated to the work done by and the legacy of William (Bill) Averette Anderson who passed away in 2013.



About William Averette Anderson:

William (Bill) Averette Anderson (1937 – 2013) was an accomplished scholar, researcher and policy developer in the field of hazards and disaster mitigation. His career spanned over 50 years and was spent analyzing and taking actions to mitigate the causes and consequences of hazards and disaster risk.

In particular, he sought to understand and address the extent to which marginalized groups suffer the worst impact and recovery when disasters strike.

As a gifted researcher, writer and professor whose tenure included esteemed positions at the National Science Foundation, the World Bank, the National Academies and Arizona State University, Bill served as a mentor and role model to countless new researchers and practitioners in the field. He also worked tirelessly to ensure that funding be dedicated to studying vulnerable populations and ensuring that racial minorities be recruited into all hazards and disaster professions – from frontline hazard management to critical hazards research.

Since his passing, Bill's vision, mission and goals for the field of hazard and disaster science have been carried on by his wife, Norma Doneghy Anderson, a cadre of committed hazard and disaster peers and mentees of Bill Anderson, as well as the next generation of hazard and disaster students.



Land Acknowledgement



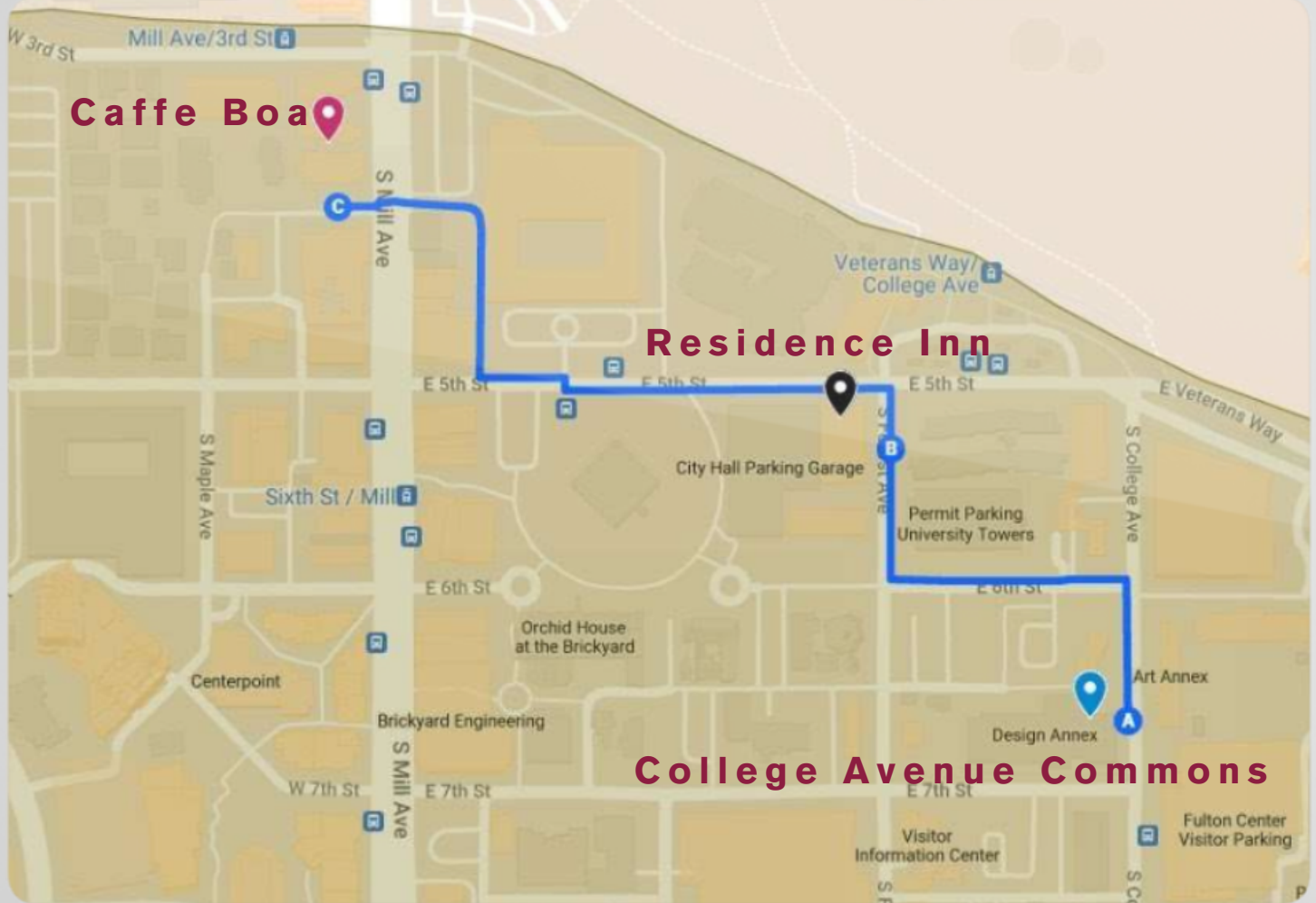
We acknowledge the twenty-two Native nations that have inhabited this land for centuries. Arizona State University's four campuses are located in the Salt River Valley on ancestral territories of Indigenous peoples, including the Akimel O'odham (Pima) and Pee Posh (Maricopa) Indian Communities, whose care and keeping of these lands allows us to be here today. We acknowledge the sovereignty of these nations and seek to foster an environment of success and possibility for Native American students and patrons.

We acknowledge the grave harm that colonialism brought to these lands, in particular the erasure of both indigenous and African identities not only under slavery, but via racist laws that segregated all peoples into binary classification of "white" and "black". We honor those who have lived-- and do live, now-- at these intersections of identity and experience. We are advocates for the incorporation of ancestral knowledge systems and research methodologies into hazards and disaster research.

We welcome members of all Native nations and the African Diaspora to our workshop.



Campus Map and Important Information



Residence Inn: 510 S Forest Ave, Tempe, AZ 85281; (480) 967-2300

Caffe Boa: 398 S Mill Ave, Tempe, AZ 85281

College Avenue Commons (CAVC): 660 S College Ave, Tempe, AZ 85281

Important Information:

- Do not forget that you are in the desert. Always have a bottle of water with you and hydrate frequently.
- Bring a sweater for our outdoor gatherings as well as sunglasses, hat, and sun screen to protect against the blazing sun during the day.
- Eat breakfast at the hotel.
- Lunch will be provided during the meetings on Thursday and Friday.
- Bring your cup & utensils to the workshop. You will receive them on Wed.
- Wednesday's dinner will be on campus at Uncle Maddio's, which is on the 2nd floor of College Avenue Commons (CAVC).
- Thursday's dinner will be at Caffe Bo. It is a 0.5 miles walk from CAVC to the restaurant. You will be able to briefly stop by the hotel if you would like.
- Field Trip (Friday): The bus leaves the hotel at 8 am (sharp). Gather at the main entrance. Check out from the hotel upon you return. The bus returns from Field Verified at 10:30am. Check out is at noon.
- Emergency Phone Number: Melanie Gall (480-252-3588)

Programming Committee



Vernon Morris is the Director for the School of Mathematics and Natural Sciences at ASU. He is also an affiliate Professor, School of Earth and Space Exploration. His research focuses on the chemical evolution of atmospheric particulate during transport and residence times in the lower troposphere and the implications to aerobiology, climate and cloud processes. He is passionate about broadening the participation of underrepresented groups in science, technology, engineering, and mathematics (STEM).



Michelle Hale is Laguna, Chippewa, Odawa and a citizen of the Navajo Nation from Oak Springs, Arizona. She is assistant professor of American Indian Studies; senior sustainability scholar with the Julie Ann Wrigley Global Institute of Sustainability; and honors faculty for Barrett, the Honors College. Hale teaches Federal Indian Policy, Tribal Community Planning and Reservation Economic Development, and engages in teaching, research and publication partnerships with faculty from the School of Geographical Sciences and Urban Planning, the Herberger Institute for Design and the Arts and the Del E. Webb School of Construction.



Anthony Lamanna is the Chair for the Del E Webb School of construction at ASU. He specializes in repair and retrofit of existing buildings, designing structures for adaptive reuse, and repairing hurricane damage. He designs high wind resistance retrofit and provides expert testimony and consultancy advice on insurance, construction, and personal injury claims. His research areas include the cost of indemnification, construction litigation trends, construction and engineering education, and sustainable building materials.



Melanie Gall is a co-Director, Center for Emergency Management and Homeland Security, and for Watts College Interdisciplinary Programs at ASU. She is a hazards geographer studying the interaction between natural hazards and society. Her expertise lies in risk metrics, hazard mitigation, climate change adaptation planning, and environmental modeling. Professor Gall manages the Spatial Hazard Events and Losses Database for the United States.

School of Geographical Sciences and Urban Planning

Assistant Professor in Environmental Planning (due: November 4, 2022)

The School of Geographical Sciences and Urban Planning (SGSUP) at ASU invites applications for an environmental planning scholar excited by the prospect of working in an innovative environment. SGSUP is seeking to hire an individual (tenure track) level, with a preferred start date of August 2023. Individuals with expertise on any topic within environmental planning, with a focus on climate change planning, natural hazards planning, indigenous planning, and environmental justice, are encouraged to apply. The successful candidate will teach undergraduates, masters, and doctoral planning programs in a variety of modalities (in-person, hybrid, and online) and maintain an active agenda of externally funded and peer-reviewed research. Possible courses the candidate could teach include Sustainable Cities and Environmental Planning. In addition to developing a vigorous research program, the successful candidate will also be expected to mentor at the undergraduate, masters, and doctoral levels, participate in service to the school, university and profession, and build productive relationships with faculty both within and beyond the SGSUP.

Questions related to this position may be addressed to Dr. Sara Meerow, Search Committee Chair, sara.meerow@asu.edu. For more information, visit <https://apply.interfolio.com/114075>

Postdoctoral Research Fellow: Urban Heat Mitigation Strategies and Technologies (due November 10, 2022)

The School of Geographical Sciences and Urban Planning (SGSUP) at Arizona State University (ASU) seeks applications for a Postdoctoral Research Fellow in the field of Urban Climate Science and Heat Mitigation Technologies. The Fellow will work directly with Dr. David Sailor, Director and Professor in the School of Geographical Sciences & Urban Planning, assisting on several projects that revolve around improving air quality and thermal environments in hot desert climates. Current study regions of interest include Phoenix Arizona, other US Sunbelt Cities, and the Middle East and North Africa (MENA) region.

Our research group has been developing and evaluating urban cooling strategies and technologies in close collaboration with industry and local/regional governments to inform the development and optimal deployment of technologies and strategies for cooling neighborhoods and cities.

Questions related to this position may be addressed to Dr. David Sailor, David.sailor@asu.edu. For more information, visit <https://apply.interfolio.com/114419>

Workshop Sponsors

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Center for Emergency Management and Homeland Security

Del E. Webb School of Construction

Graduate College

New College

School of Mathematical and Natural Sciences

Bronze Sponsor:

Watts College of Public Service and Community Solutions



THANK YOU!

October 12, 2022

3:30 - 4:00 p.m.



Welcome

Location: CAVC Atrium (3rd floor)

Moderator: Vernon Morris

Elizabeth Wentz

Vice Provost and Dean

Graduate College, Arizona State University



Dontá McGilvery

Coordinator for Graduate Student Experience

Graduate College, Arizona State University



Nnenia Campbell

Deputy Director

The William Averette Anderson Fund for Hazard and Disaster

Mitigation Education and Research



Vernon Morris

Professor and School Director, School of Mathematical and Natural

Sciences, Arizona State University

4:00 - 7:00 p.m.



Happy Hour and Introduction of New Fellows

Location: Uncle Maddio's (CAVC, 2nd floor)

Moderators: Melanie Gall and Nnenia Campbell

Leemar Thorpe (cancelled)

FEMA Talent Recruiter (virtual)

Sunset walk up A Mountain at

5:45pm (optional)

HAPPY
HOUR

October 13, 2022

8.30 - 10:00 a.m.



Environmental Justice

Location: CAVC 459
Moderator: Vernon Morris

Tracy Perkins

Assistant Professor, School of Social Transformation, Arizona State University



Jennifer Richter

Assistant Professor, School for the Future Innovation in Society, College of Global Futures., Arizona State University



Shanondora Billiot

Assistant Professor, School of Social Work, Arizona State University

10:00 - 10:30 p.m.

Break

10:30 - 12:00 p.m.

Professional Development

Location: CAVC 459
Moderator: Vernon Morris



Keon McGuire

Associate Professor, Mary Lou Fulton Teachers College, Arizona State University

Breakout Group: Late Stage (CAVC 401)



Stanlie James

Emeritus Professor and Former Vice Provost for Inclusion and Community Engagement, Arizona State University



Benjamin Lee Preston

Director, Community Health and Environmental Policy Program
Senior Policy Researcher; Professor, Pardee RAND Graduate School



Dereka Carroll Smith (virtual)

Postdoctoral Research Associate at the University of Maryland-College Park

Breakout Group: Early Stage (CAVC 459)



Dontá Council

Community and Economic Development (CED) Adviser, Atlanta Federal Reserve Bank



Asia Dowtin (virtual)

Assistant Professor, Department of Forestry, Michigan State University



Dontá McGilvery

Coordinator for Graduate Student Experience
Graduate College, Arizona State University

12:00 - 1:00 p.m.

Break

1:00 - 2:30 p.m.

Water Management and Water Rights

Location: CAVC 459
Moderator: Melanie Gall



Crystal Tulley-Cordova

Principal Hydrologist, Navajo Nation Department of Water Resources



Earl Tulley

Vice Chair, Navajo Water Rights Commission



Joaquin Maruffo

Arizona Department of Environmental Quality, Border Programs Unit
Manager

2:30 - 3:00 p.m.

Break

3:00 - 4:30 p.m.



Just Resilience/ Sustainability

Location: CAVC 459
Moderator: Melanie Gall

Fayola Jacobs

Assistant Professor, Hubert Humphrey School of Public Affairs,
University of Minnesota



Aaron Flores

Presidential Postdoctoral Scholar, School of Geographical Sciences
and Urban Planning, Arizona State University



Benjamin Lee Preston

Director, Community Health and Environmental Policy Program
Senior Policy Researcher; Professor, Pardee RAND Graduate School

4:30 - 5:30 p.m.

Housekeeping

Location: CAVC 459
Moderators: Melanie Gall and Nnenia Campbell

BAF Elections

Reimbursements

6.00 - 8.00 p.m.

Dinner

Location: Caffe Boa

October 14, 2022

8.30 - 10.30 a.m.



Field Trip (bus leaves hotel at 8am)

Moderator: Melanie Gall and Nnenia Campbell

Brian Melcher

Principal, Field Verified



11.00 - 12.00 p.m.

Closing Remarks and BAF Internal Lunch

Location: CAVC 459
Moderators: Melanie Gall and Nnenia Campbell



**School of
Geographical
Sciences and
Urban Planning
Arizona State
University**

Gold Sponsor

School of Geographical Sciences and Urban Planning

At ASU's School of Geographical Sciences and Urban Planning, we integrate the tools of geography and urban planning to help you learn cutting-edge techniques that you can use to address the world's most pressing and complex challenges. Through innovative coursework, exciting research projects and employment opportunities, you'll learn how people and the environment interact on the earth's surface and how cities are planned for success.

Ranked seventh in the nation by the National Research Council, we pride ourselves on producing graduates who are employed by all levels of government, consulting firms and large companies, or go on to graduate studies to become urban planners, researchers, teachers or leaders in technology development.

**EXPLORE
EXPLORE**

Contact us:

408-965-7533

sgsup@asu.edu

To learn more, visit us
at sgsup.asu.edu



Center for Emergency Management and Homeland Security

Arizona State
University

Center for Emergency Management and Homeland Security

The Center for Emergency Management and Homeland Security (CEMHS) is a university-wide interdisciplinary hub for the research and practice of emergency management and homeland security. The Center's work addresses ongoing risk reduction challenges characterized by complex social, economic environmental, cultural, and technological interdependencies and conflicting objectives. Through projects, education and outreach CEMHS engages critical communities of practice, such as planning, community development, governance, defense, human welfare, and climate change adaptation.

CEMHS strives to actively support the vision and

mission of Arizona State University and the

Watts College of Public Service and

Community Solutions, including access and inclusiveness in education, the

pursuit of excellence and innovation, and

promote impact and social

embeddedness.

Mission: An emergency management and

homeland security landscape transformed

through transdisciplinary discovery and

practice, in which knowledge, risk

reduction, community development and

sustainability operate collaboratively to reduce

risks and vulnerabilities and adapt communities to new

“normals.” Impart a deeper understanding of practices in the emergency management and homeland security professional domains and address current and future challenges through immersion, residencies, public events, as well as scholarly and applied research.



Silver Sponsor

Contact us:

602-496-1040

cemhs@asu.edu

To learn more, visit us

at cemhs.asu.edu



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Mathematical
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School of Mathematical and Natural Sciences

Experience what a liberal arts education from New College at the West campus truly means

Bringing together the best of both a small-college experience – with its close personal relationships – and a top-tier research university – with its cutting-edge research faculty – ASU's New College of Interdisciplinary Arts and Sciences located at the beautiful West campus is nationally unique. Working across old disciplinary boundaries, our faculty produce innovative research, not just report on it. We take our students with us on this fascinating journey, which provides extraordinary opportunities for growth and exciting ways to shape your future.

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Vernon.Morris@asu.edu

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Engineering
Arizona State University

School of Sustainable Engineering and the Built Environment

Sustainable engineering is a revolutionary approach to engineering that

- Focuses on the long-lasting improvement of the human condition;
- Recognizes the connections between infrastructure and the human and natural systems; and
- Designs and constructs complex systems by considering environmental impacts, life-cycle assessment, and risk and uncertainty, along with technical and economic effectiveness.

The built environment includes society's physical infrastructure and integrated systems that create the conditions for sustained health, prosperity and social well-being.

Involvement with the built environment generally includes the initiation of projects or programs through planning, design, construction, operations and decommissioning; the so-called "life-cycle" of the endeavor.

Contact us:

480-965-3589
ssebe@asu.edu

To learn more, visit us
at ssebe.engineering.asu.edu

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**Watts College
of Public Service
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Solutions**

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University**

Bronze Sponsor



Watts College of Public Service & Community Solutions

Watts College of Public Service and Community Solutions is a comprehensive public service college dedicated to fully integrating teaching, research and service to address social problems.

It is without peer in the number and breadth of degree programs, the level of externally-funded research activity, and student enrollment.

The degree programs cover the spectrum of public service, including public policy, social work, criminology, and criminal justice, nonprofit leadership, emergency management, community development, parks and recreation, and more. The student body is diverse, with high percentages of first-generation, minority, veteran and transfer students. The college partners with hundreds of nonprofit and government agencies to make a difference in the community. The college's impact is visible at the local, state, national and international level.

Contact us:

602-496-7827

publicservice.recruitment@asu.edu

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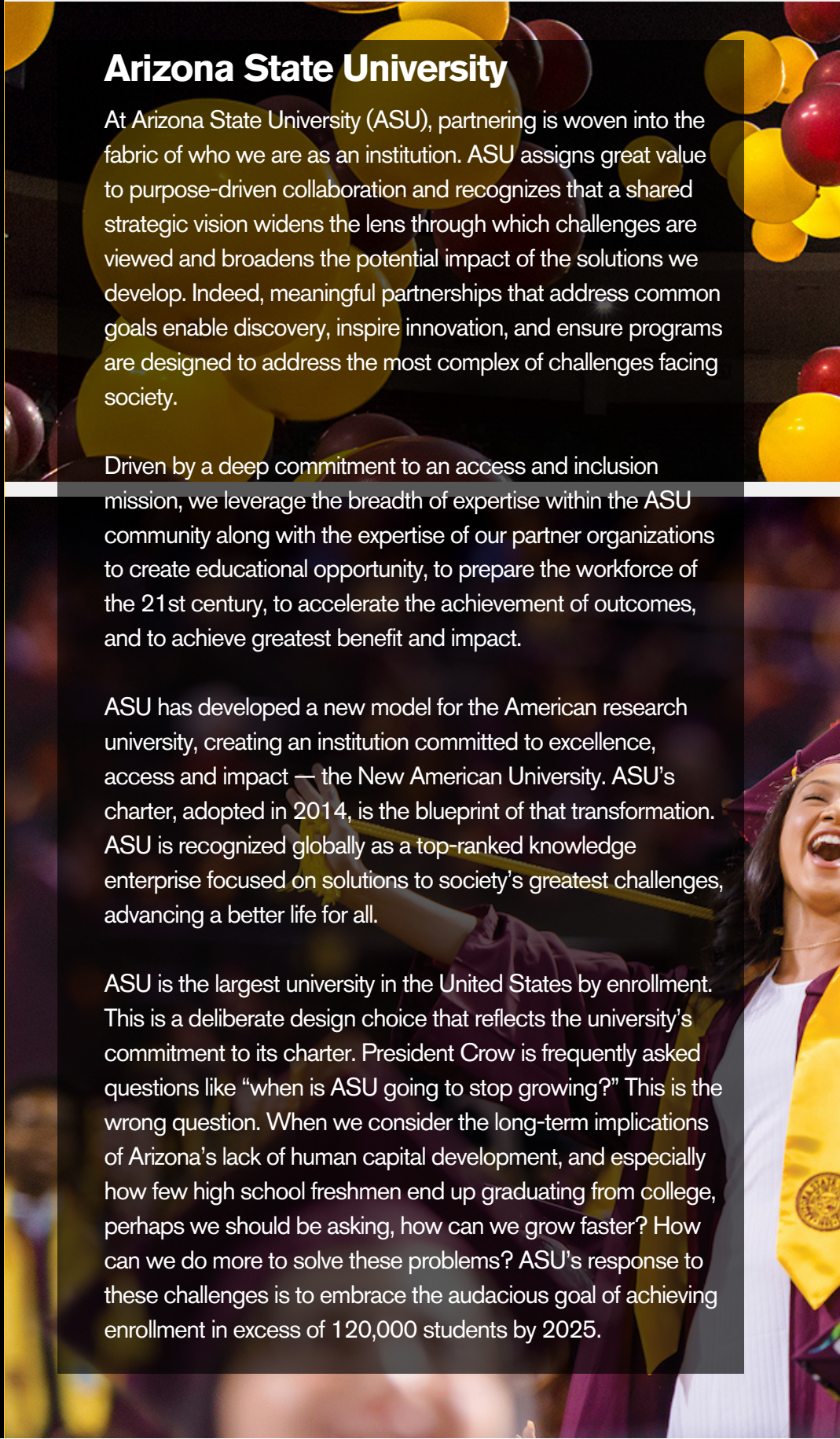
Arizona State University

At Arizona State University (ASU), partnering is woven into the fabric of who we are as an institution. ASU assigns great value to purpose-driven collaboration and recognizes that a shared strategic vision widens the lens through which challenges are viewed and broadens the potential impact of the solutions we develop. Indeed, meaningful partnerships that address common goals enable discovery, inspire innovation, and ensure programs are designed to address the most complex of challenges facing society.

Driven by a deep commitment to an access and inclusion mission, we leverage the breadth of expertise within the ASU community along with the expertise of our partner organizations to create educational opportunity, to prepare the workforce of the 21st century, to accelerate the achievement of outcomes, and to achieve greatest benefit and impact.

ASU has developed a new model for the American research university, creating an institution committed to excellence, access and impact — the New American University. ASU's charter, adopted in 2014, is the blueprint of that transformation. ASU is recognized globally as a top-ranked knowledge enterprise focused on solutions to society's greatest challenges, advancing a better life for all.

ASU is the largest university in the United States by enrollment. This is a deliberate design choice that reflects the university's commitment to its charter. President Crow is frequently asked questions like "when is ASU going to stop growing?" This is the wrong question. When we consider the long-term implications of Arizona's lack of human capital development, and especially how few high school freshmen end up graduating from college, perhaps we should be asking, how can we grow faster? How can we do more to solve these problems? ASU's response to these challenges is to embrace the audacious goal of achieving enrollment in excess of 120,000 students by 2025.





A few key accolades for ASU

#1 in the U. S. for innovation: ASU has topped U.S. News & World Report's "Most Innovative Schools" list since the inception of the category in 2016.

In 2022, and for seven years in a row, ASU again placed ahead of Stanford and MIT on the list based on a survey of peers.



#3 in the world: excellence in employer–student connections: the annual QS World University Rankings recognizes ASU as the No. 3 university in the world for the quality of meaningful connections between potential employers and learners.

A top producer of the world's elite scholars for 10 consecutive years and a testament to the breadth and excellence of the university's programs: 279 Gilman Scholars, 191 Fulbright Scholars, 21 Goldwater Scholars, 14 Udall Scholars, 9 Gates Cambridge Scholars, 4 Marshall Scholars, 4 Truman Scholars, 2 Rhodes Scholars and 1 Churchill Scholar.

#1 in the U.S. and #9 in the world for global impact in advancing the United Nations' Sustainable Development Goals, including global impact on poverty and hunger, developing solutions for clean water and energy and promoting gender equality.

#6 in the U.S. for total research expenditures among universities with a medical school. With an estimated \$673M total research expenditures in FY20, ASU is one of the fastest-growing research enterprises in the U.S.

Top 10 in global patent rankings: Arizona State University ranks in the top 10 of all universities worldwide for U.S. patents. In a report by the U.S. National Academy of Inventors and the Intellectual Property Owners Association, ASU ranks among MIT, Stanford University and Harvard in the top 10 for U.S. utility patents.

More information about ASU can be found at facts.asu.edu and in the [2021 Annual Report](#).