

ASU Update

Building Places to Fuel Innovation

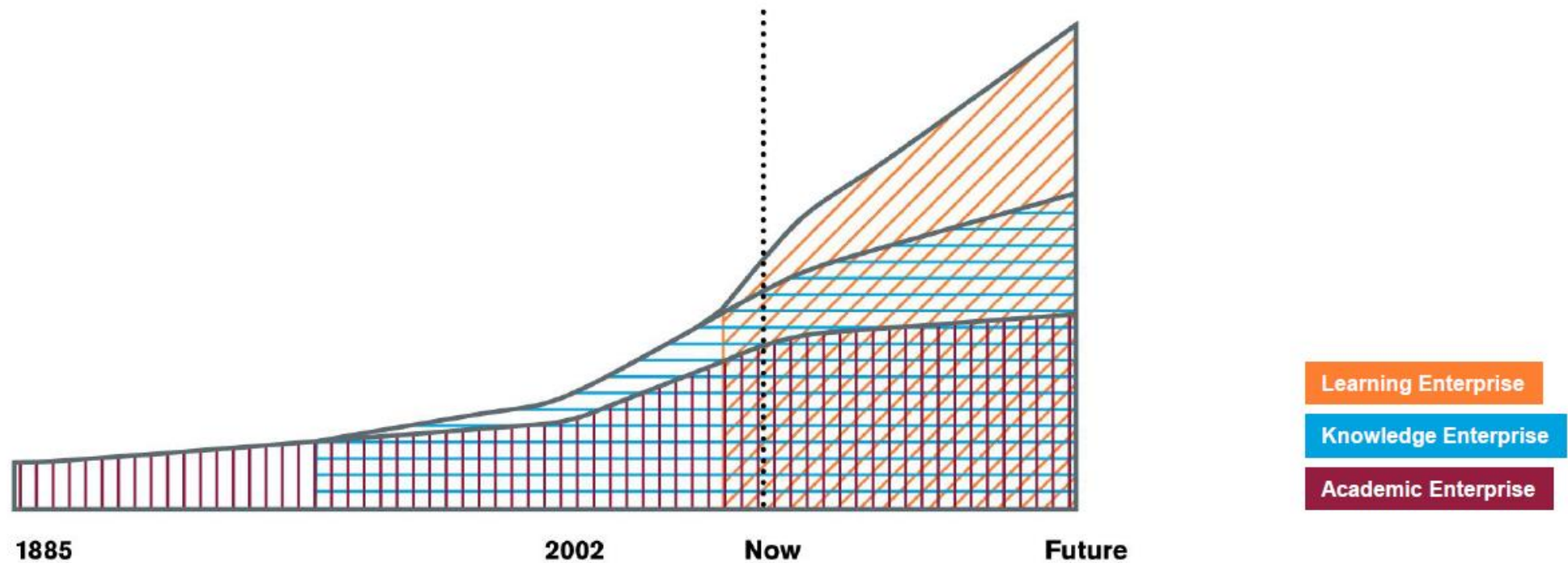
Rick Naimark

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ASU's public enterprise continues to evolve

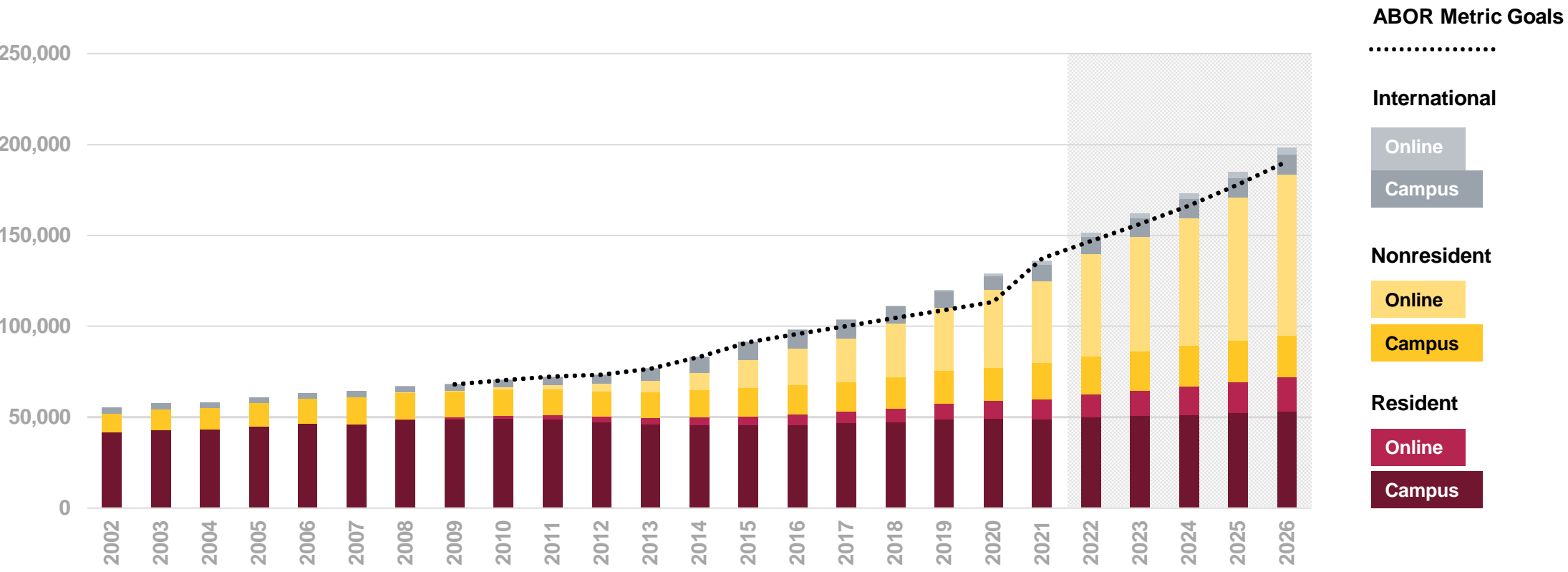


A large crowd of graduates in maroon gowns and caps are gathered on a green field, surrounded by a massive shower of pink and gold streamers. In the background, a large stadium filled with spectators is visible. The graduates are some standing and some sitting on white folding chairs, many holding up their phones to capture the moment.

Academic Enterprise

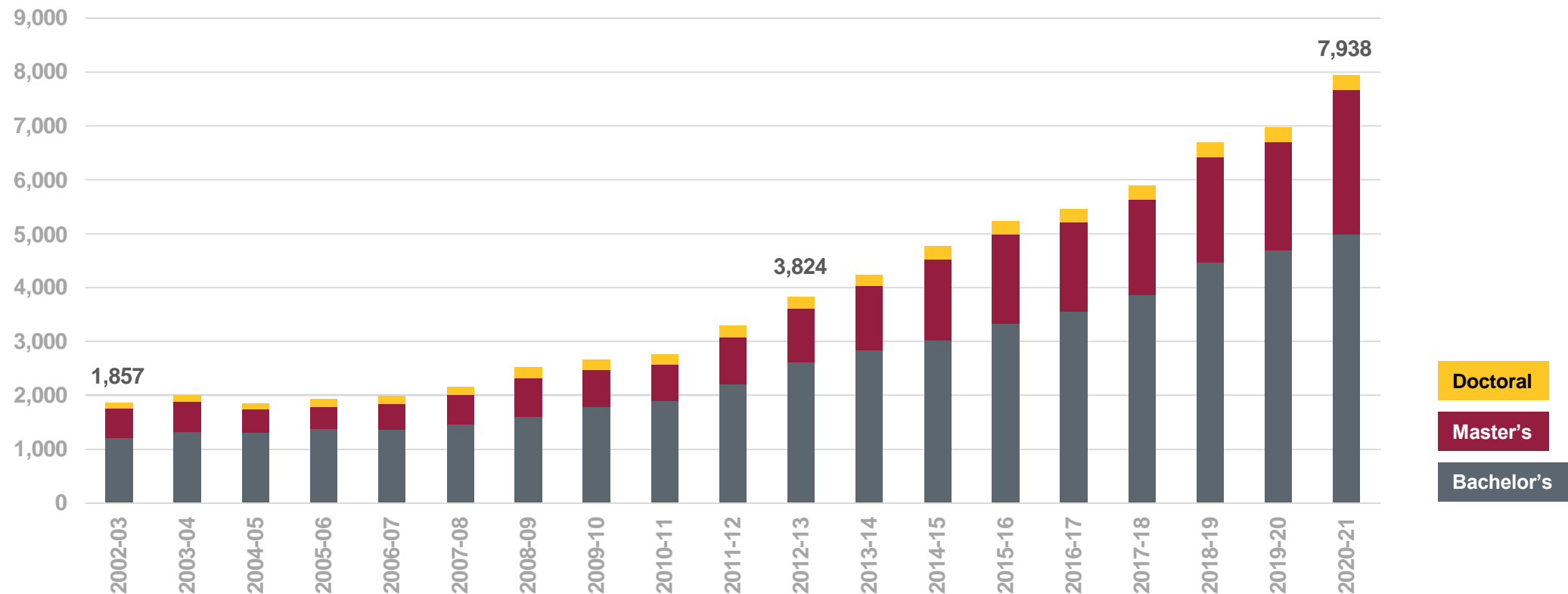
Total enrollment has continued to outpace goals

Total Enrollment: Actual, Forecasted, and ABOR Metric Goals (Fall 2002 to Fall 2026)



ASU degrees awarded in STEM fields have
more than quadrupled since 2002-03

STEM Degrees by Academic Year (2002-03 to 2020-21)





Dreamscape Learn enables new learning realms

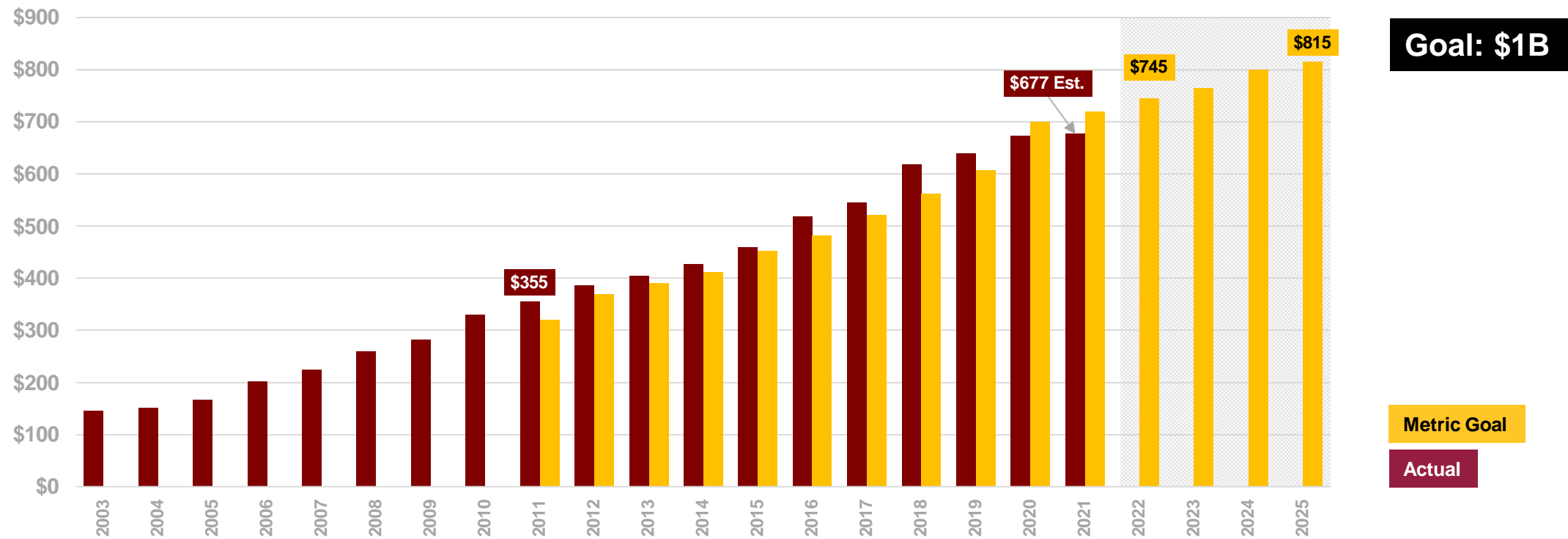
- Dreamscape Learn, a virtual reality learning platform that merges education, storytelling and entertainment, welcomed visitors for demonstrations in the ASU Creativity Commons.
- It was a featured attraction at the 2021 ASU+GSV Summit in San Diego, and Summit attendees were able to experience it firsthand.
- In December 2021, the first student cohort in ASU's "Designing for Dreamscape" course unveiled "Theta Labs," an environmental sustainability course they created.

A photograph of three people in a hydroponic greenhouse. A woman in the foreground, wearing a black t-shirt with a yellow ASU logo, is tending to a plant. Behind her, a man with a beard and glasses and a woman with glasses are looking on. The greenhouse has multiple levels of plants under bright lights.

Knowledge Enterprise

Research expenditures almost doubled over the last decade

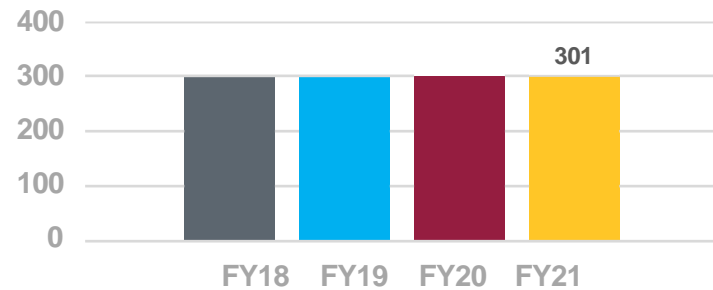
Expenditures Reported in NSF Higher Education Research and Development Survey (Dollars in Millions)



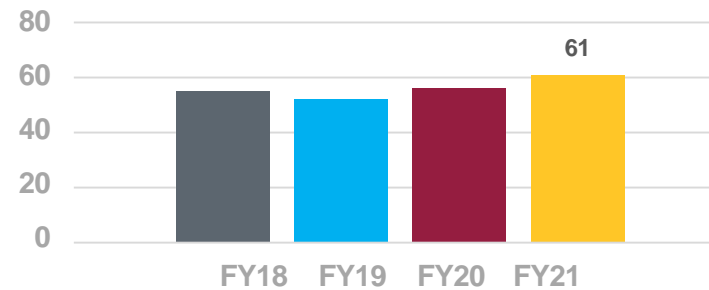
SkySong Innovations catalyzes start-up growth

Technology Transfer Metrics as Advanced by SkySong Innovations

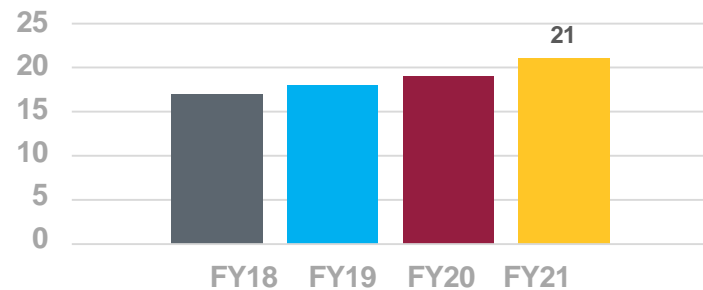
Invention Disclosures



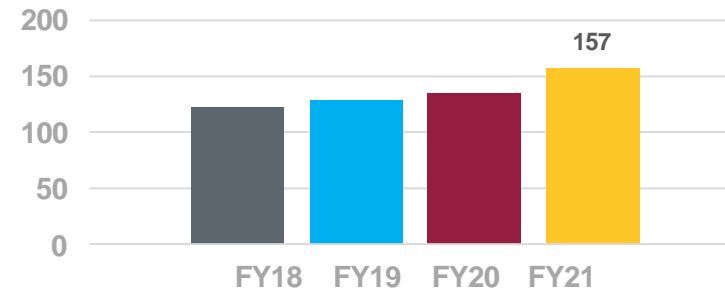
License and Options



Startups

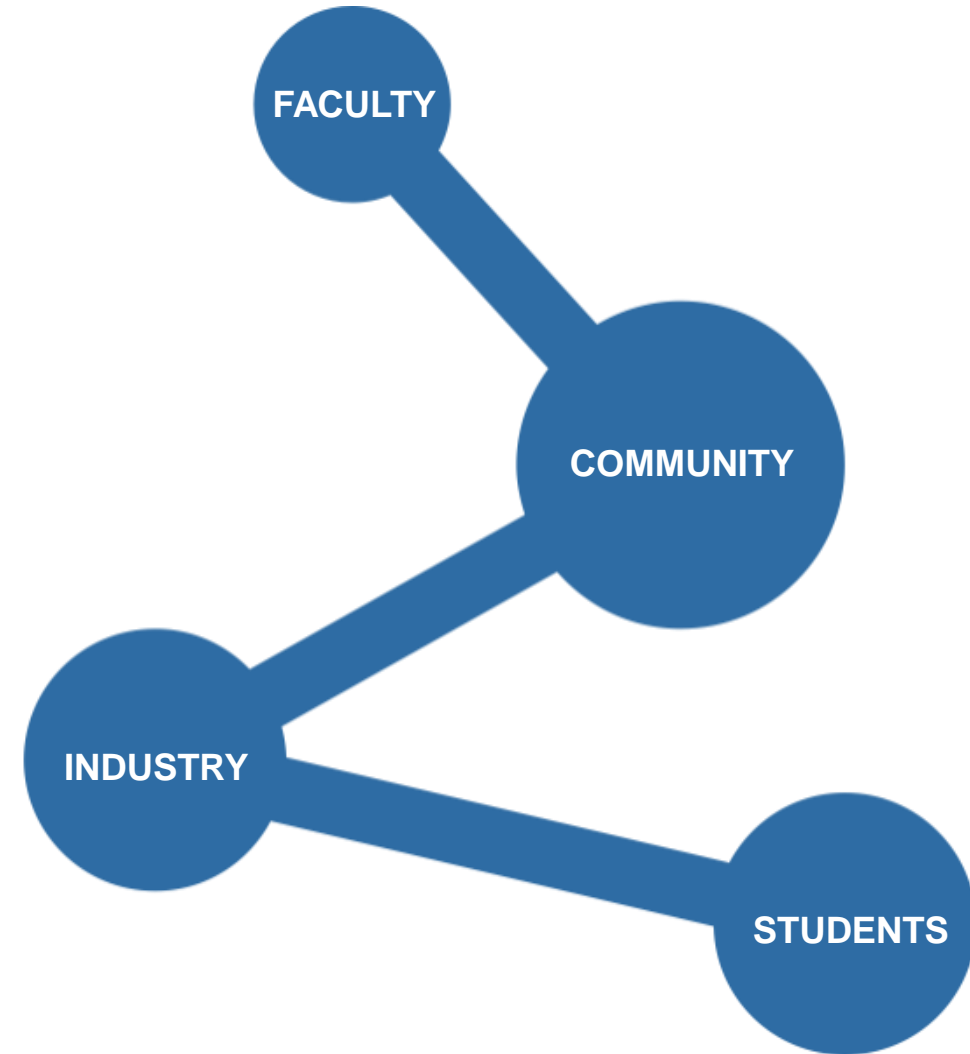


Issued US Patents



DNA OF AN INNOVATION DISTRICT

**Creating
connections and
opportunities
for:**



Innovation Zones at ASU

Phoenix Sky Harbor International Airport

- 10 minutes from Tempe
- Nonstop service to 95 domestic and 22 international destinations
- Among the largest commercial airports in the United States
- More than 1,200 aircraft operations, 120,000 passengers and 800 tons of cargo a day

Key

ASU Innovation Zones

Airport

Light rail

Interstate

Federal Highway

State Highway

Map not to scale

ASU
ASU West Innovation Zone
 High-potential, undeveloped land in the heart of an ASU campus

ASU
Discovery Oasis Health Futures Center
 Biomedical discovery hub offering opportunities for premier academic and clinical collaborations

ASU
Phoenix Bioscience Core (PBC)
 Vibrant community built on a foundation of research, discovery, innovation and entrepreneurial activity

ASU
SkySong
 High-growth community for technology-based companies

ASU
Novus Innovation Corridor
 Prime location for large-scale regional offices or headquarters

ASU
ASU Research Park
 One of the most sought-after office parks in Greater Phoenix

ASU
ASU Polytechnic Innovation Zone
 Ideal for advanced manufacturing, aviation and alternative-energy facilities

Launch the New Economy Initiative for Arizona

Workforce Development

Enhancing job readiness

through hands-on research experiences

Accelerated learning

through hybrid online/in-person models

Upskilling the current workforce

through stackable certificates, micro-degrees, badges and other credentials

Increasing graduation rates

and decreasing time-to-degree through AI-infused advising platforms

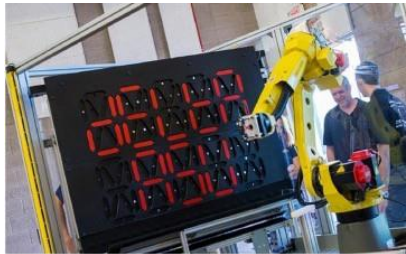
Increasing capacity to serve students

by attracting world-class faculty

Launch the New Economy Initiative for Arizona

Science and Technology Centers

These five STCs will add to Arizona's existing two applied research centers focused on industry-led research – **WearTech** and **Blockchain**



Advanced manufacturing

Focus on new technologies that strengthen links to private industry support in aerospace and defense



Energy, materials and devices

Focus on advancing new energy materials and device technologies to market, growing industry engagement



Extreme environments

Focus on engineering resiliency into transportation, energy, water and materials systems of future cities



Human performance

Focus on enhancing physical and cognitive performance, as well as medical prevention and intervention



Future communications technologies

Focus on driving Arizona to the forefront of physical information systems for sensing and communications

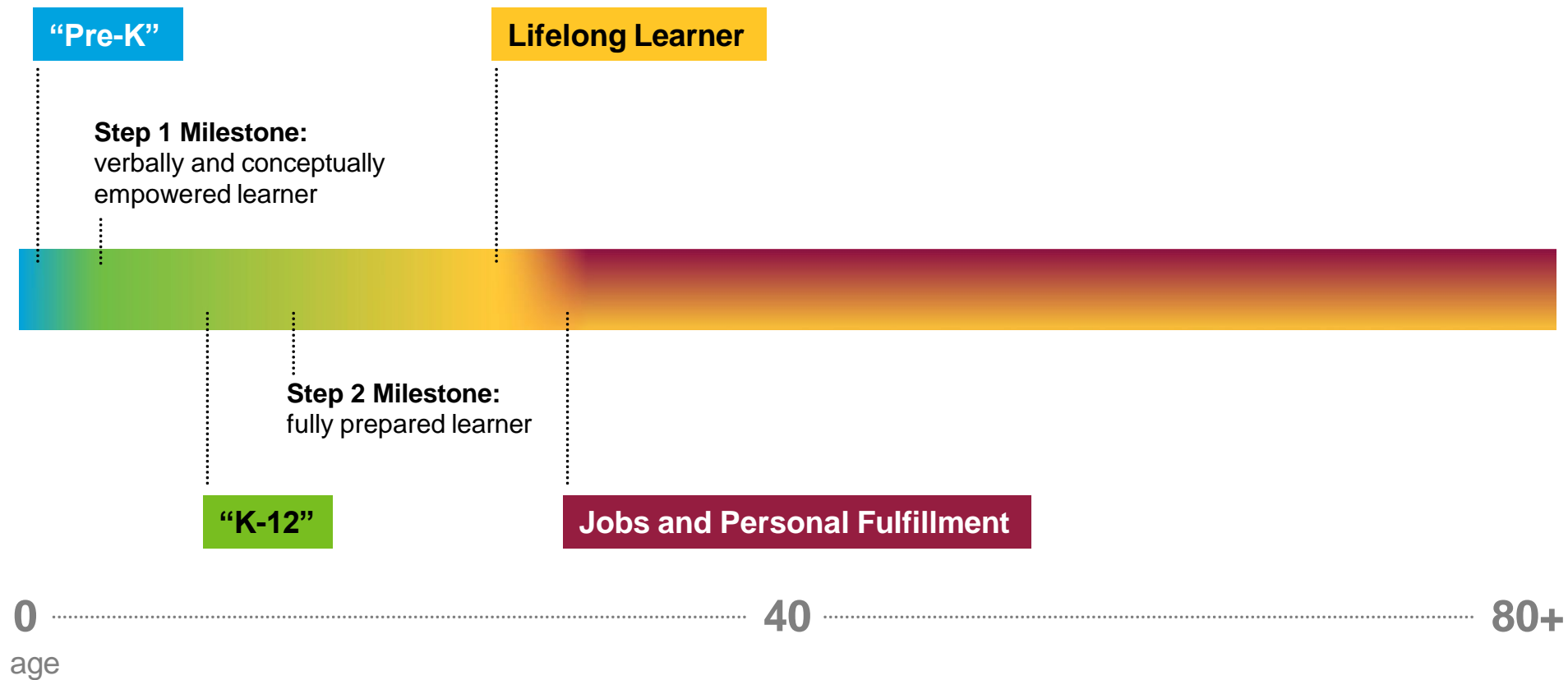
New collaborations connect efforts across oceans



Learning Enterprise



The Learning Enterprise will provide access to social
and economic opportunity at every stage of life



ASU Prep and ASU Prep Digital drive local and global impact in K-12



3,500+

learners served
in K-12 immersion
schools on four
Arizona campuses



7,800+

learners served
in K-12 full-time
digital offerings
around the world



52,000+

learners served
in partnership with other
schools around the world



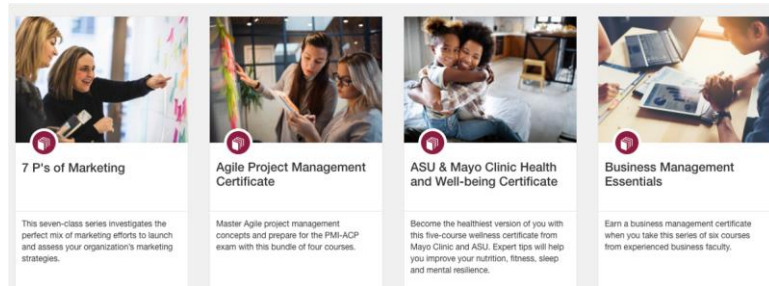
14,000

teachers trained in 1,300
schools in our Arizona
Virtual Teaching Institute

ASU has already launched more than 300 Upskilling programs

On-demand Course Library

More than 300 online continuing and professional education courses, including 36 that are free and open-access



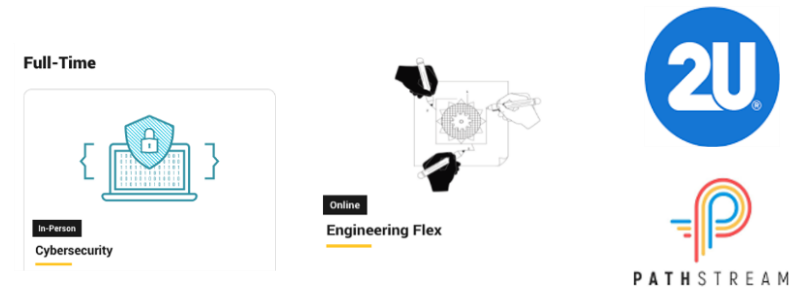
Custom Corporate Partnerships

Custom learning experiences designed based on a partner's workforce development priorities



Partner-enabled Career Bootcamps

Eight career bootcamps, offered in partnership, prepare learners for entry-level jobs in technical fields



Executive Education

Advanced skills training available globally, powered by online courses and Thunderbird's network of centers for excellence



ASU thrives on collaboration



Uber

Google



UDACITY

coursera



مؤسسة عبدالله
الغريير للتعليم
Abdulla Al Ghurair
Foundation for Education



mastercard
foundation



U.S. AIR FORCE

CINTANA
EDUCATION

InStride™



SANTA FE
INSTITUTE

PLUS
ALLIANCE

Polytechnic Educational and Research Building

Budget Details

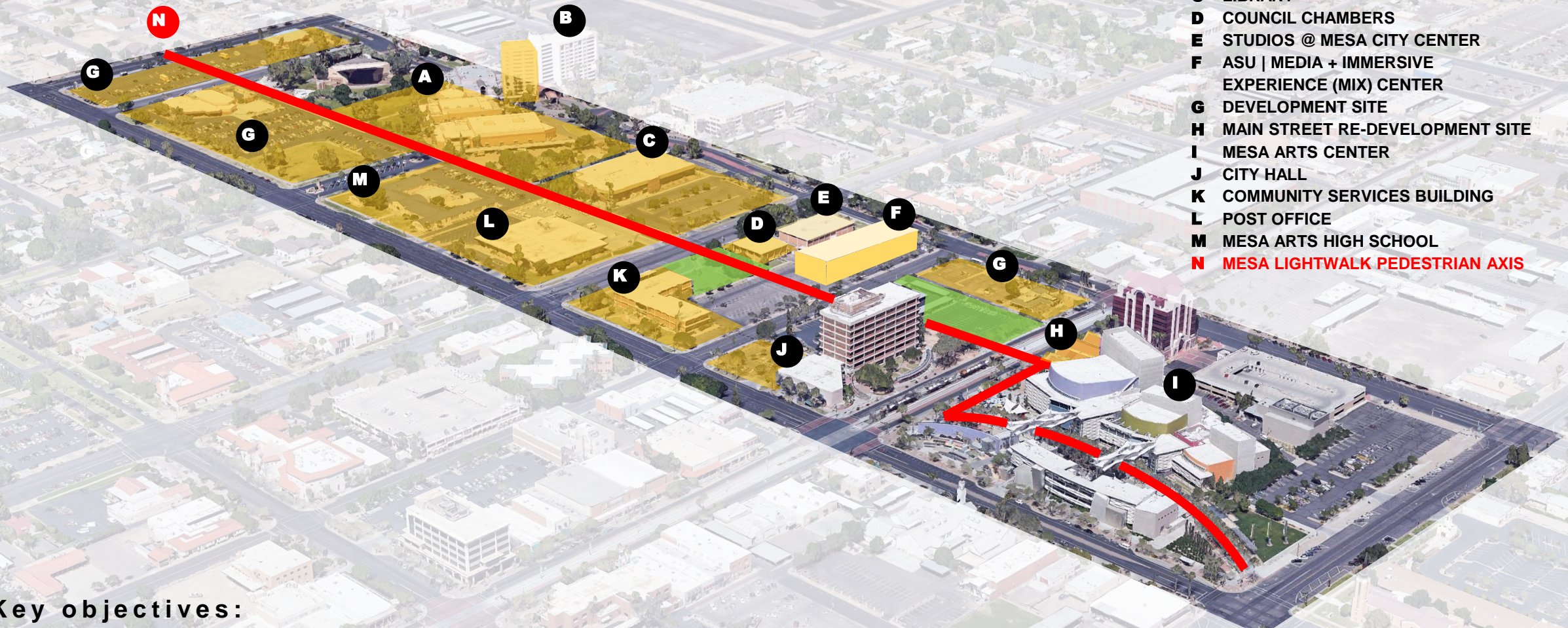
- Total Program Budget: \$175M
- Construction Budget: \$124M
- Size: Approximately 192,000 GSF

Construction Dates and Details

- Anticipated Start Date:
Approximately October 2023
- Anticipated Completion Date:
July 2025



Mesa downtown + ASU study area



Key objectives:

- continue to advance the vitality of the Mesa downtown area and partnership
- plan a phased sequence of ASU facilities to accommodate anticipated growth
- establish an organizing pedestrian spine for signature civic spaces and public events





Studios at Mesa City Center



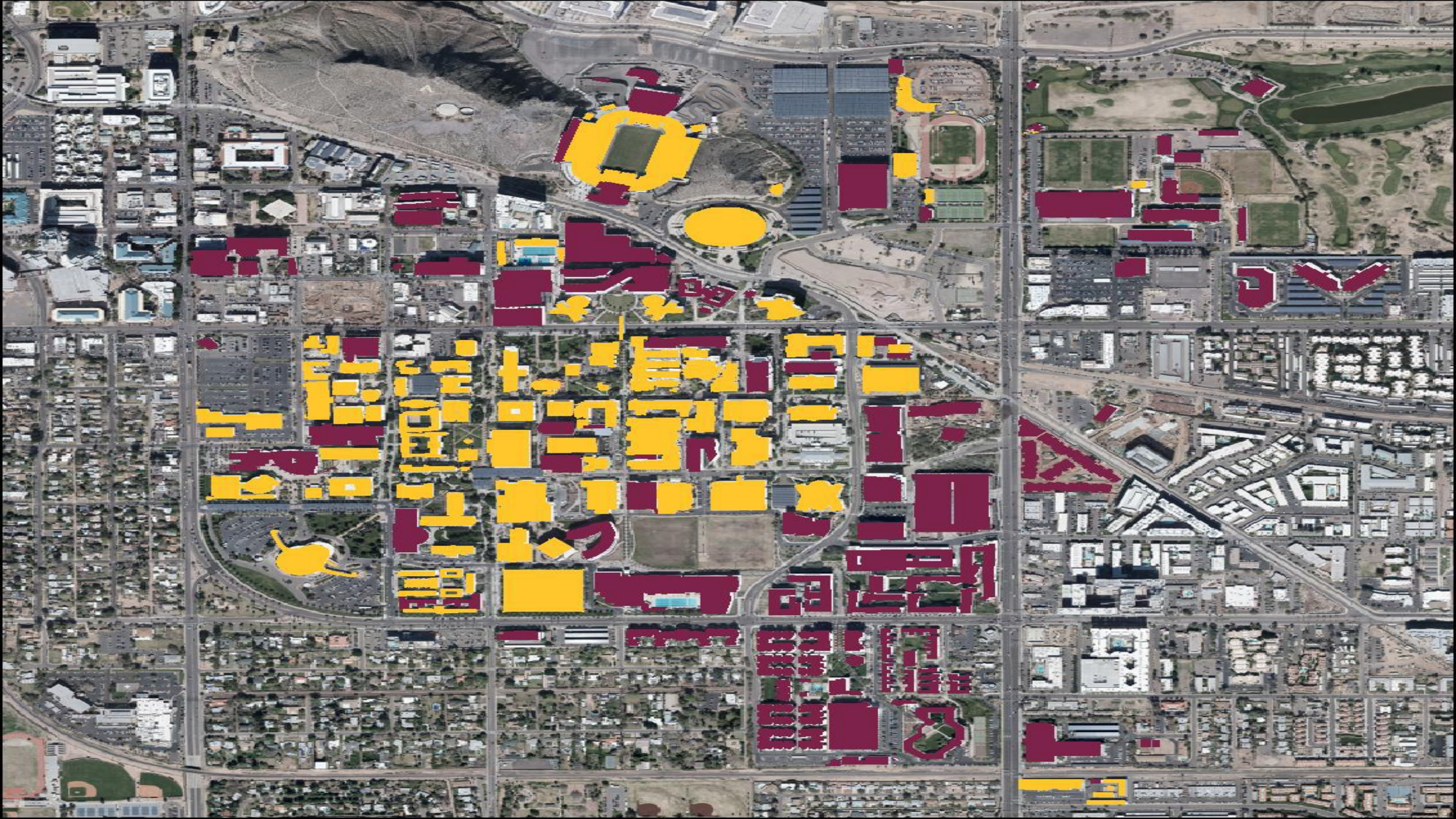
Walton Center for Planetary Health











Mayo Clinic and Arizona State University

Alliance for Health Care

- The Health Futures Center, home of the Mayo Clinic and ASU Alliance for Health Care, opens.
- The 2021 Collaborative Research Seed Grant Program garners new ideas for Mayo-ASU collaboration.
- The Spring 2021 Mayo Clinic and ASU MedTech Accelerator launches.
- The first cohort from the Mayo Clinic Alix School of Medicine's Arizona campus graduates with both an MD and a master's degree in the science of health care delivery.
- Mayo Clinic acquires land for the "Discovery Oasis" biotech corridor.

DISCOVERY OASIS/HEALTH FUTURES CENTER

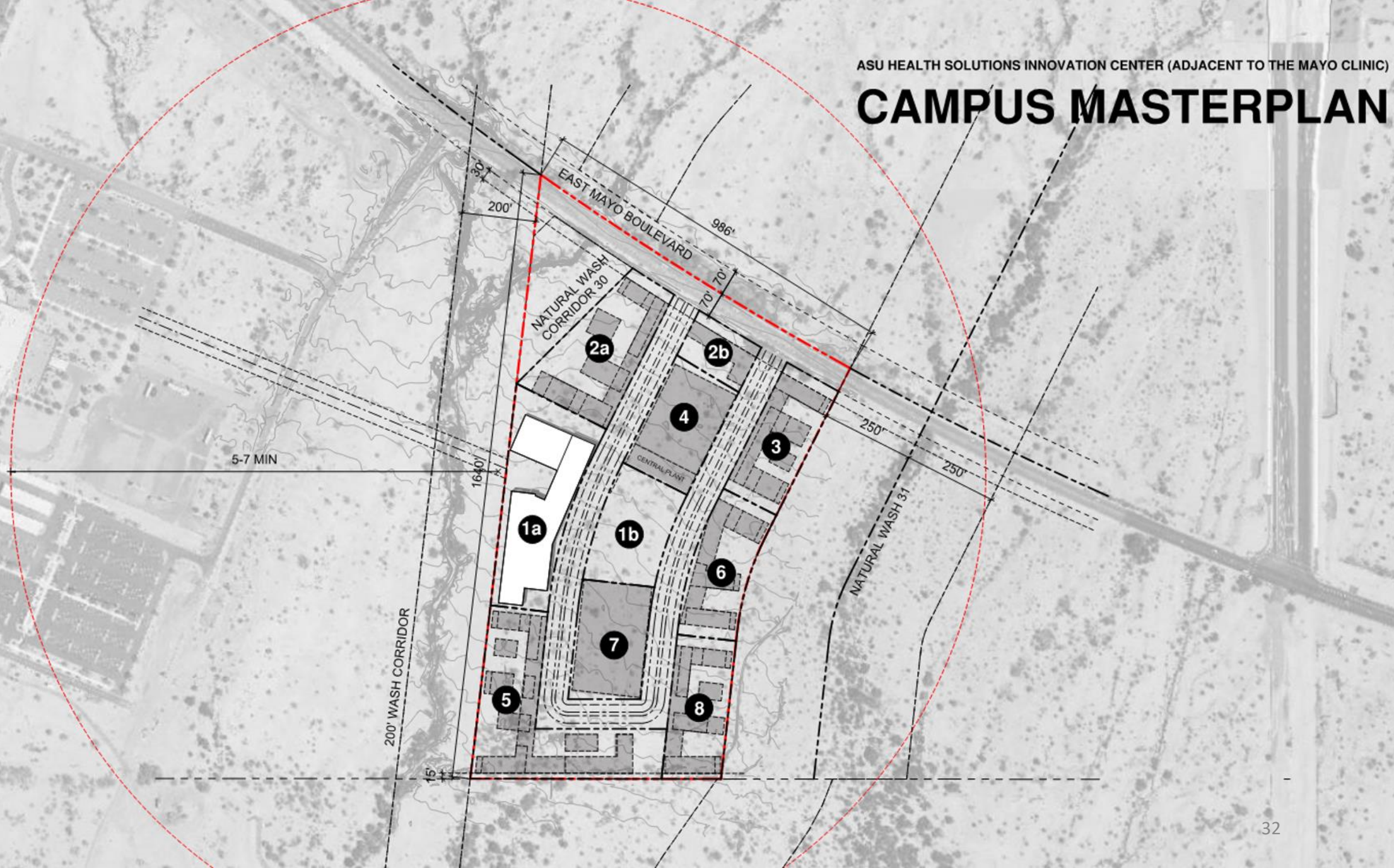


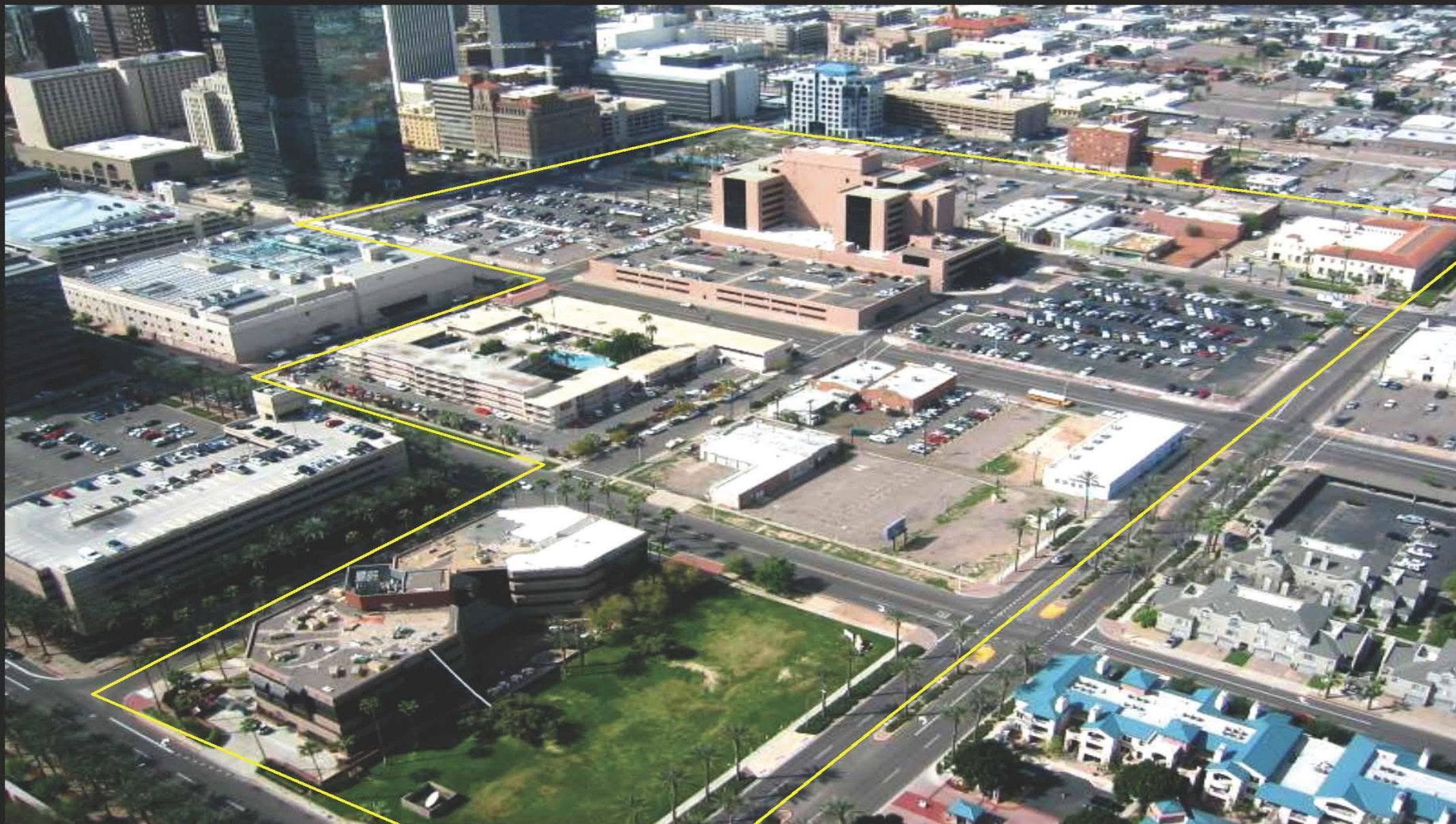
ASU/City of Phoenix Health Initiatives

Health Futures Center

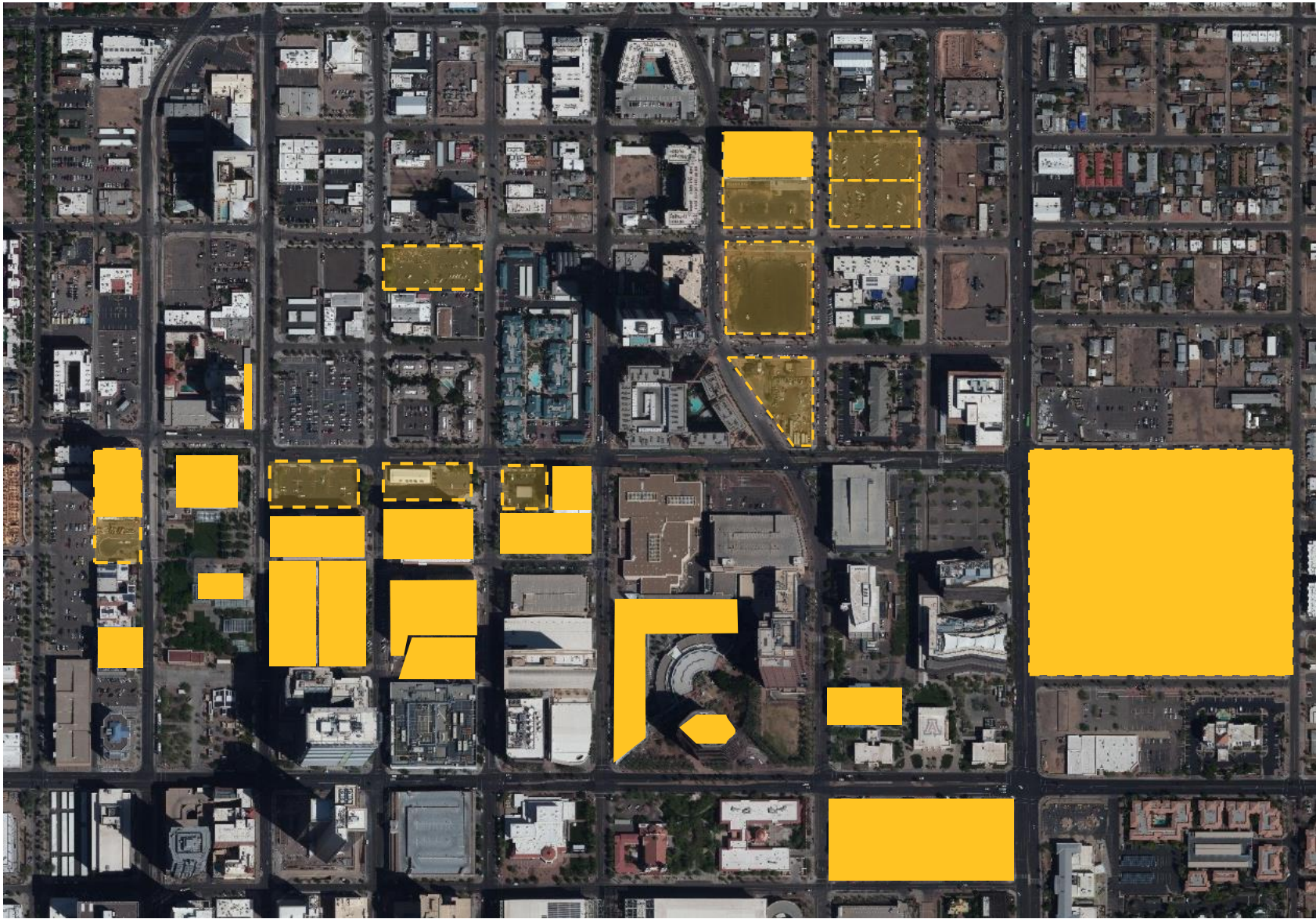



CAMPUS MASTERPLAN





CONCEPTUAL SITE PARAMETERS, 2004



 ASU OCCUPIED SPACE

 POTENTIAL ASU SITES









THE PBC



TOTAL - 1.62M GSF



HEALTH SCIENCES EDUCATION BUILDING



ARIZONA CANCER CENTER



BIOMEDICAL SCIENCES PARTNERSHIP BLDG



PBC GARAGE



TRANSLATIONAL GENOMICS RESEARCH
INSTITUTE



ARIZONA BIOMEDICAL COLLABORATIVE
BLDG

ASU/Phoenix Health Initiatives

850 PBC



PBC NORTH PROJECTS

- 10 ASU/WEXFORD 850 N. 5TH ST. RESEARCH BUILDING, 2020**
 SIZE: (7) LVLS, 226,000 GSF
 SITE: 44,997 SF
 MAJOR PROGRAMS: PRIVATE AND ACADEMIC RESEARCH LABS
- 11 FUTURE PBC2 RESEARCH BUILDING**
 SIZE: NORTH PHASE (9) LVLS, 263,000 GSF,
 SOUTH PHASE (12) LVLS, 255,000 GSF
 SITE: 89,875 SF
 PODIUM PARKING GARAGE: 1,150 SPACES
- 12 FUTURE PBC1 COLLABORTION VENUE**
 SIZE: (3) LVLS, 45,000 GSF
 SITE: 44,997 SF
 30 PARKING SPACES
- 13 FUTURE PBC3 RESEARCH BUILDING**
 SIZE: NORTH PHASE (9) LVLS, 263,000 GSF,
 SOUTH PHASE (12) LVLS, 250,000 GSF
 SITE: 89,081 SF
 PODIUM PARKING GARAGE: 1,150 SPACES
- 14 FUTURE PBC4 RESEARCH BUILDING**
 SIZE: (16) LVLS, 442,000 GSF
 SITE: 46,277 SF
- 15 EXISTING HOTEL SITE**

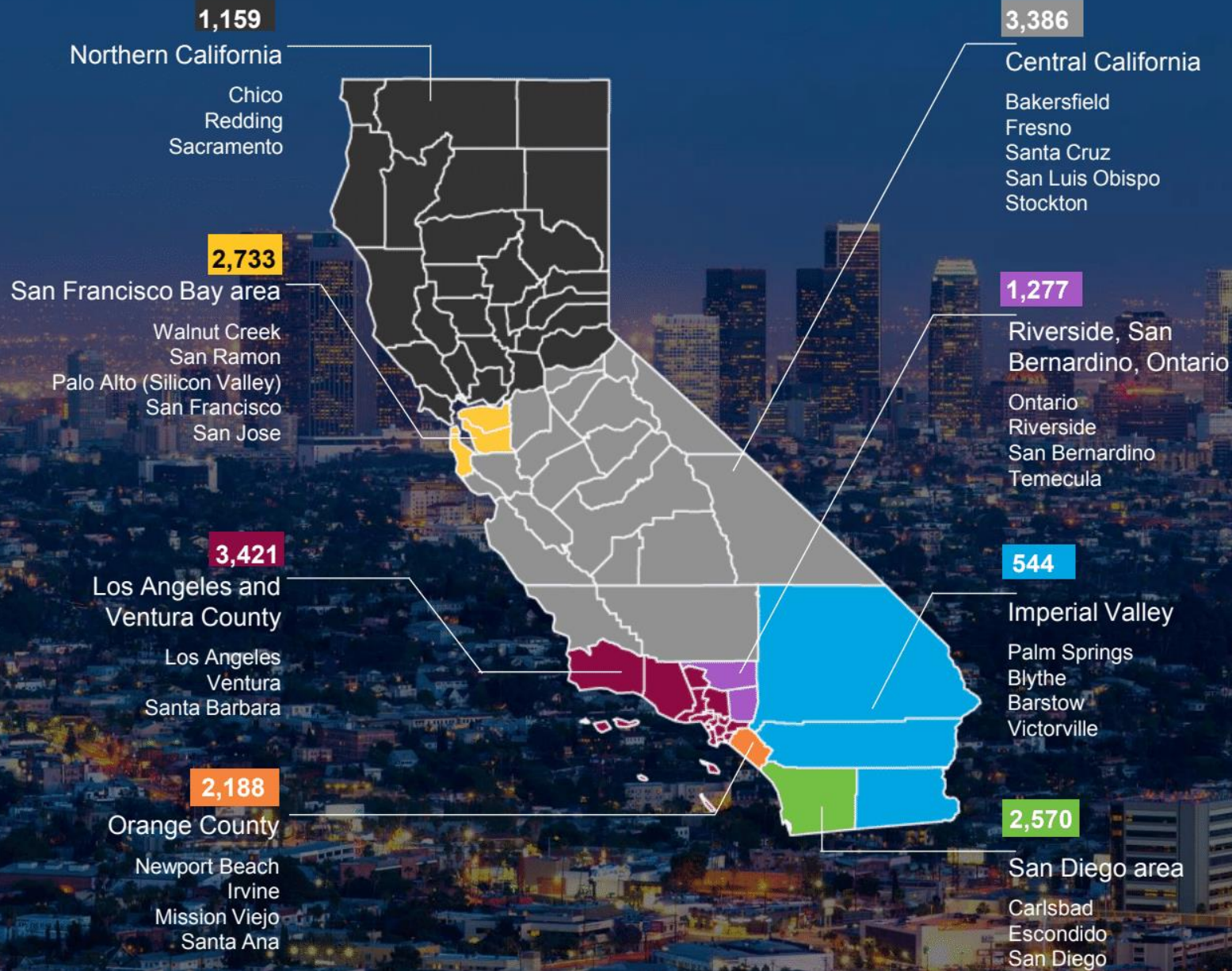


5TH STREET SPINE LOOKING SOUTH





ASU students from California



In Fall 2020, ASU enrolled 17,292 undergraduates from California.

Key facts

- California is **47th in the nation** with only 1 in 3 graduates enrolling in a four-year institution.
- A long-standing problem: From 2005 to 2015, nearly **one million** CA residents who applied for freshman or transfer admission were **turned away**.
- Access **restrictions disproportionately affect less mobile and underserved communities** and further exacerbates economic inequities.

Why ASU in Los Angeles?

Global University in a Global City

- LA is a global city - ASU leverages place
- Opportunity to connect and help create global ecosystem
- Reinforce ASU's standing as a global institution

Community Engagement

- Partner with City of LA to help address most pressing socio-economic issues, such as homelessness
- Create transdisciplinary studio drawing on design, nutrition, sustainability, social work, and others

Future of Media, Art, and Communications

- LA is the media and arts capital of the world
- Opportunity to create unique program offerings differentiated from competitor programs
- Should be future-focused in an intentional way

Gateway for Access

- Serve as gateway for all ASU students to access opportunities in Los Angeles
- An invitation to educational opportunities for underserved Angelenos

Los Angeles Herald Examiner Building



A silhouette of a graduate in a cap and gown stands in the foreground, holding a diploma. In the background, another graduate is visible against a bright sunset sky. The sun is low on the horizon, creating a strong lens flare. To the left, a building with balconies is partially visible, and to the right, palm trees stand against the sky.

What's Next?