

Arizona State University



A New American University



United States
Arizona
Phoenix

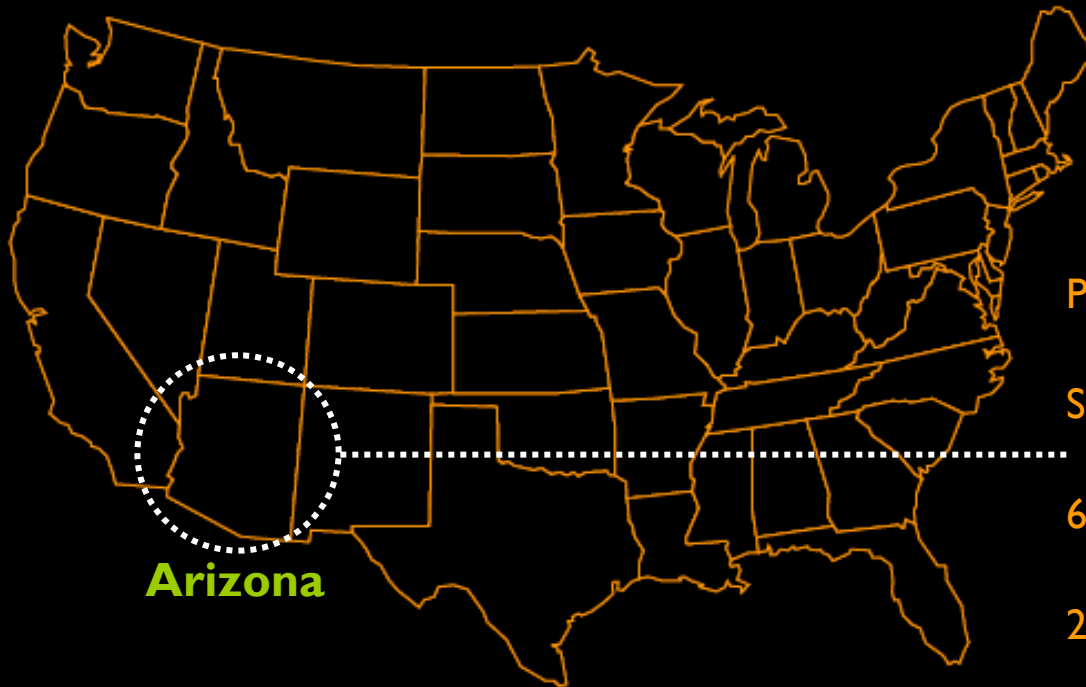
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Arizona

Population = 5.7 million

Surface Area = 114,006 sq km

6th largest state in the US

2nd fastest growing state in the US

United States
Arizona
Phoenix

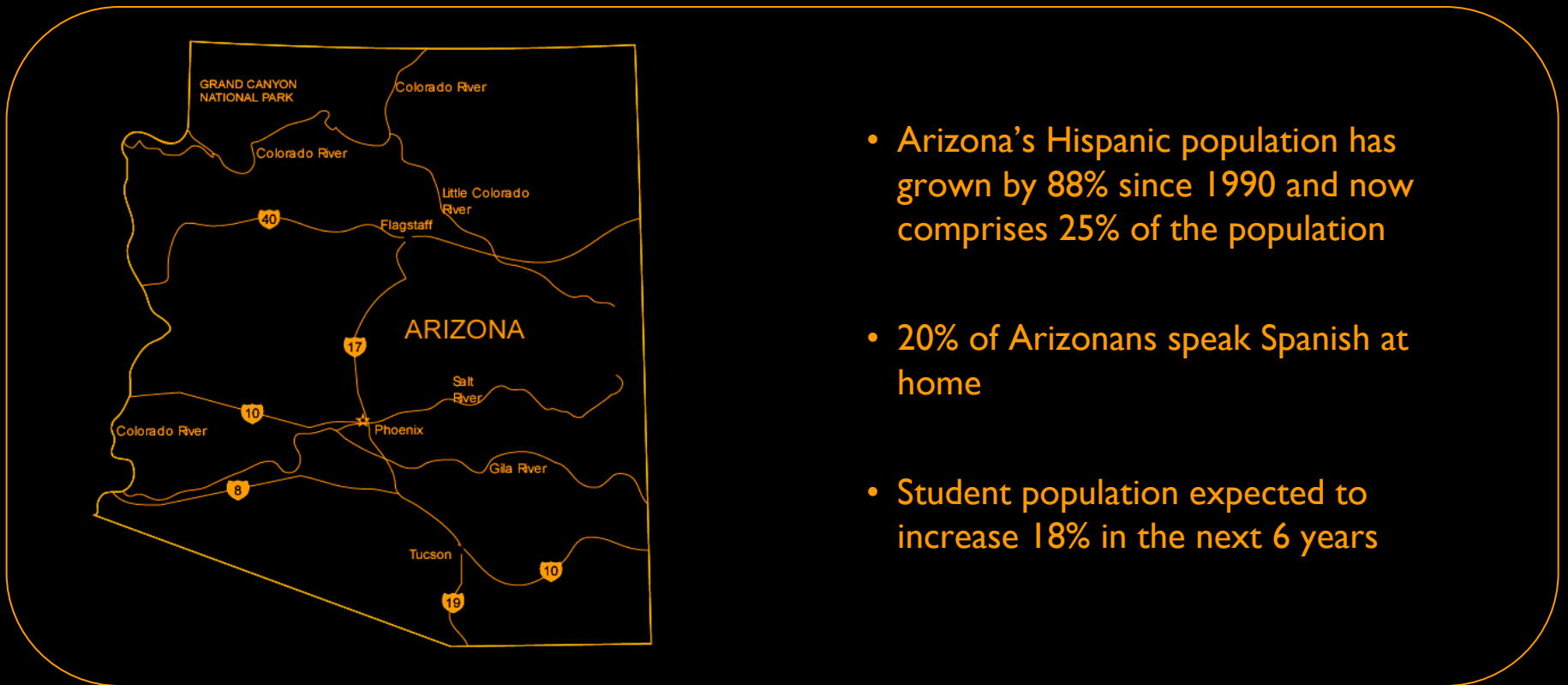
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- Arizona's Hispanic population has grown by 88% since 1990 and now comprises 25% of the population
- 20% of Arizonans speak Spanish at home
- Student population expected to increase 18% in the next 6 years

United States
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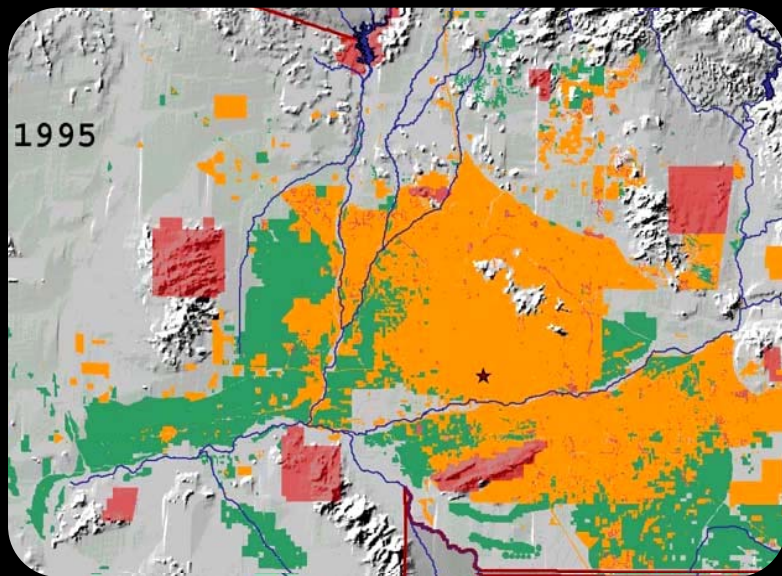
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Phoenix's rapid urbanization from 1912 - 1995

- Phoenix is the 6th largest US city
- Phoenix is the fastest growing major US metropolitan area
- Phoenix is larger than Los Angeles in geographic extent and approaches Philadelphia in population size

■ Agriculture ■ Urban ■ Recreation

Campuses
About Us
Centers & Funding
Research

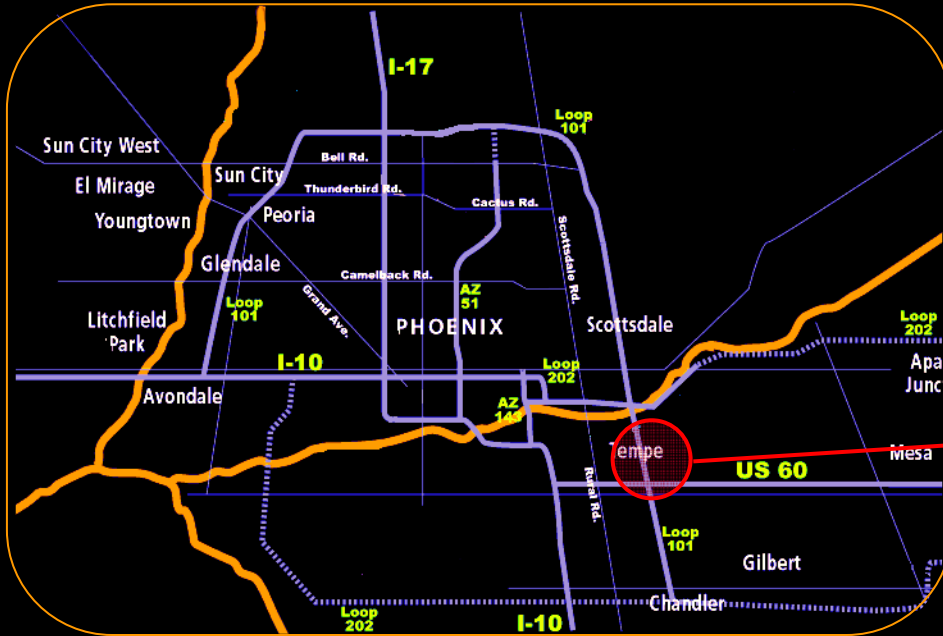
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- Barrett Honors College
- College of Architecture and Environmental Design
 - College of Education
 - College of Law
- College of Liberal Arts and Sciences
 - College of Nursing
- College of Public Programs
 - Graduate College
- Herberger College of Fine Arts
- Ira A. Fulton School of Engineering
- W. P. Carey School of Business



Tempe campus

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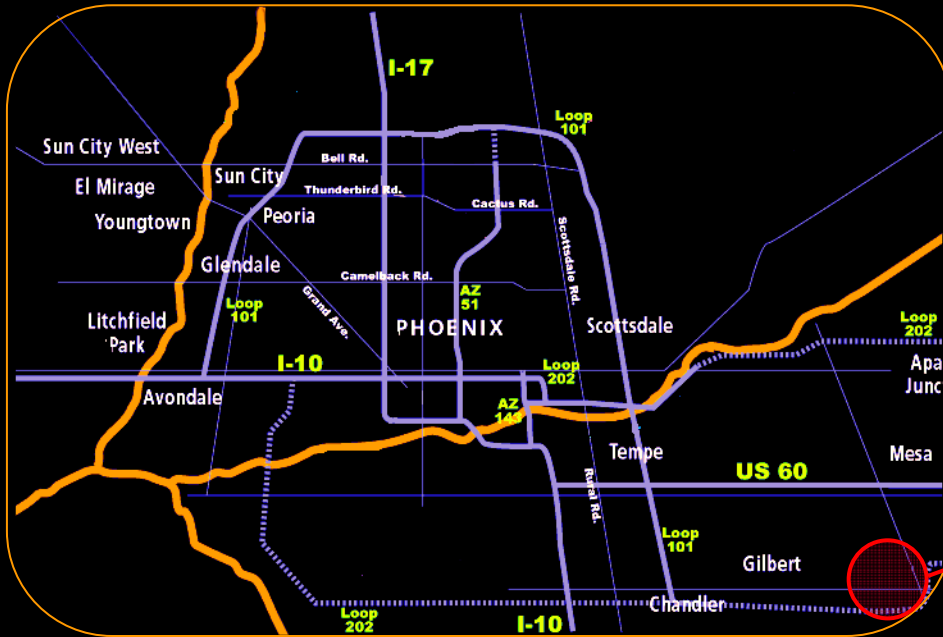
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- East College (Applied Biological Sciences, Applied Psychology, Human Health)
 - Morrison School of Agribusiness and Resource Management
- College of Technology and Applied Sciences (Computing Studies, Mechanical and Manufacturing tech., Information and management tech)



Polytechnic campus

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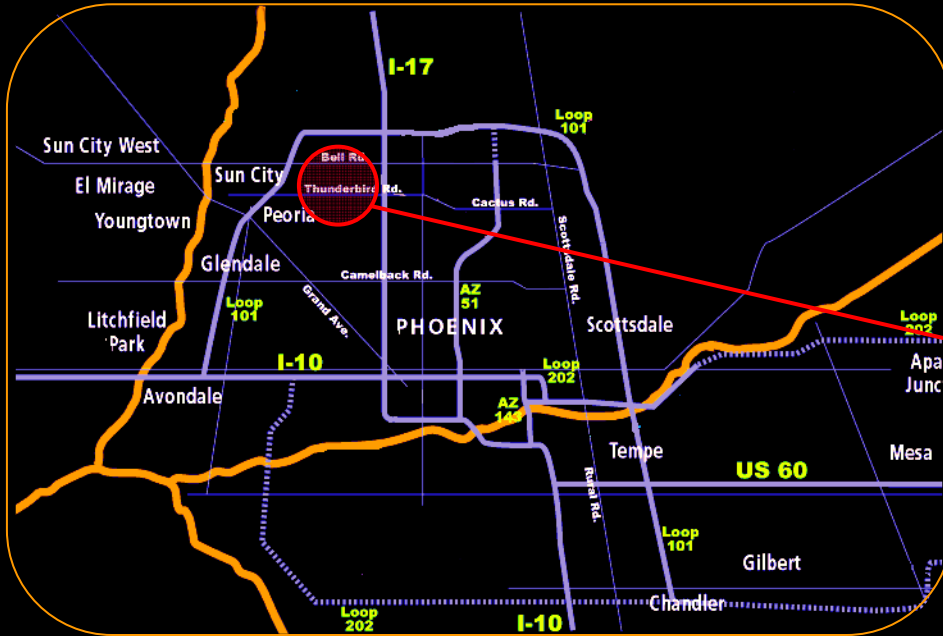
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West campus

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- College of Arts and Sciences
(Women Studies, Integrative studies, Language,
Culture and History)
- College of Education
(Professional Teacher Preparation Program)
- College of Human Services
(Communication, Criminal Studies, Social Network)
- Division of Collaborative Programs
- School of Management
(Accountancy, Global Studies, MBA)



West campus

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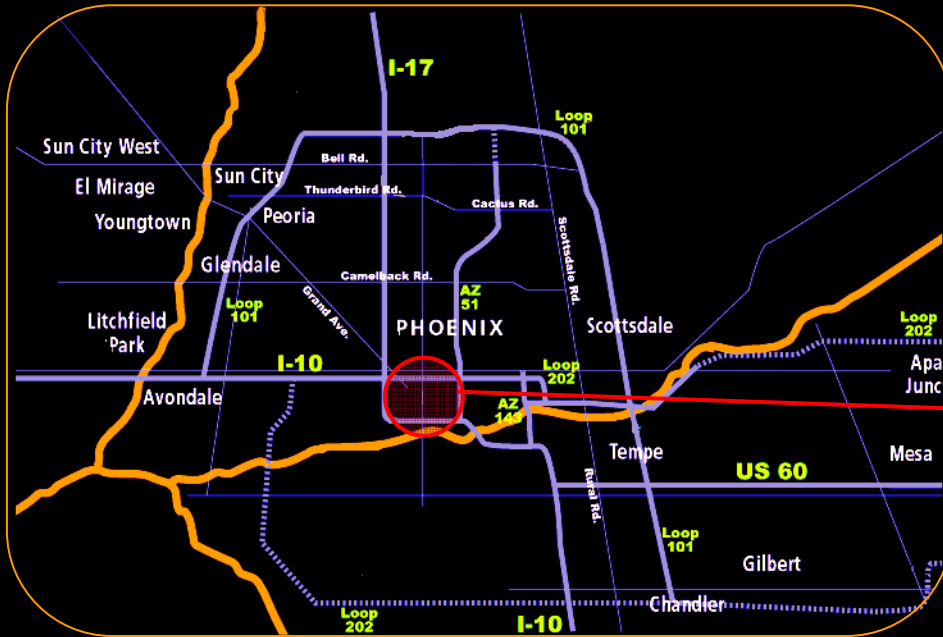
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- Academic and Professional Programs
- American English and Culture Program
(International Teaching Assistant Program)
 - Distance Learning and Technology
 - Extended Campus Programs



Downtown Phoenix campus



- 1885: Territorial Normal School
- 1901: Tempe Normal School
- 1925: Tempe State Teachers' College
- 1959: Arizona State University

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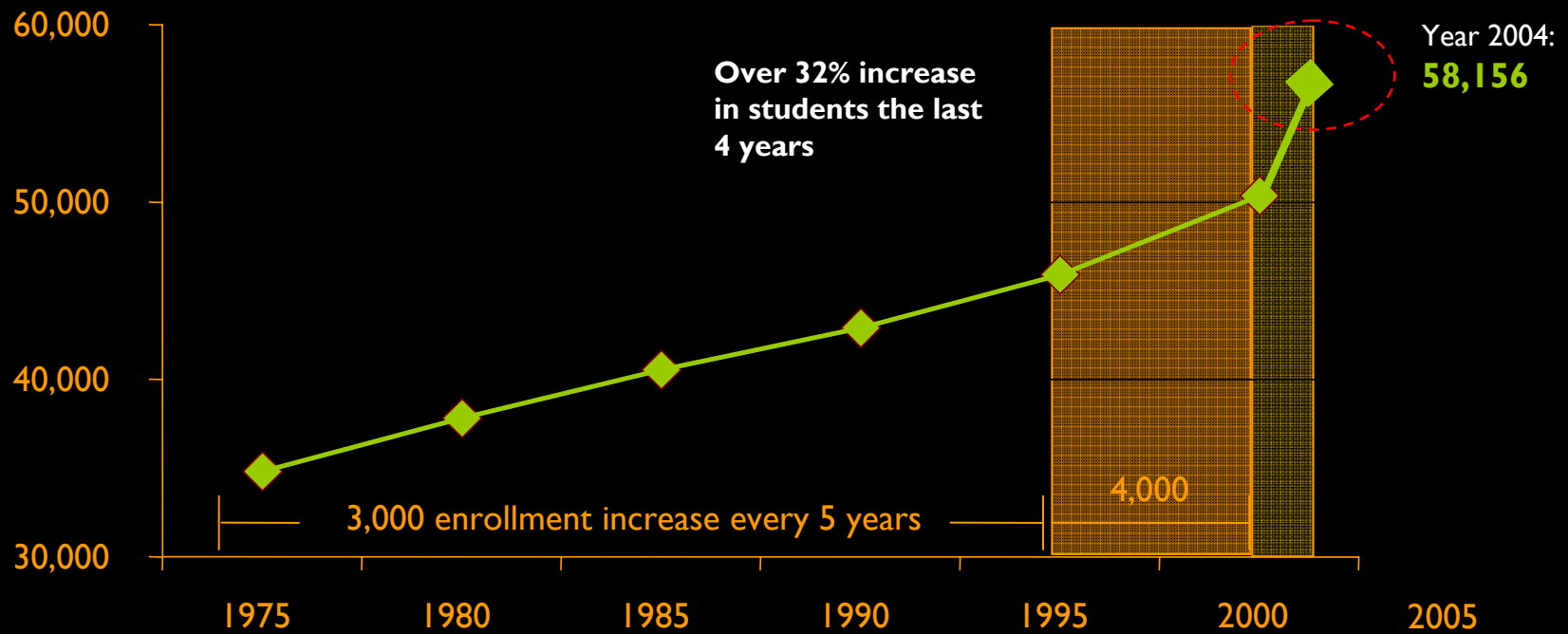
ASU Tempe Campus → 1928 → 2003 → 2006 ----->



Pan American Initiatives



Enrollment: Hyper Growth from 2000-2004



ASU in brief:



- 4th largest University in the US
- Welcomes approximately 60,000 students from all 50 US states and over 120 countries.
- Offers 115 bachelor's degrees, 117 master's degrees, 51 Ph.D. programs and a J.D.
- Collaborates on 5 (including dual) degrees with Mexico, including Ed.D., MBA, M.S. and PhD.

ASU in brief:



- Active partner with the private sector (e.g. Motorola, Intel, Honeywell)
- \$170 million in research activity
- Over 10,000 employees
- ASU has a strong impact in the community with \$2.13 billion in spending per year

In 2004:



- Edward C. Prescott, distinguished faculty of the W.P. Carey School of Business receives the First Nobel Prize in Economics 2004
- ASU hosted the final 2004 presidential debate



Centers & Initiatives

- AZ Biodesign Institute
- Health and Disability Research
- Consortium for the Study of Rapidly Urbanizing Regions
- Mission to Mars
- Human Genome Research
- Institute for Computer Sciences and Engineering
- WINTECH: Wireless Integrated Nanotechnologies
- Army National Flexible Display Center
- Arizona Technology Enterprises

Centers & Initiatives

AZ Biodesign Institute

Health and Disability Research

Consortium for the Study of Rapidly Urbanizing Regions

Mission to Mars

Human Genome Research

Institute for Computer Sciences and Engineering

WINTECH: Wireless Integrated Nanotechnologies

Army National Flexible Display Center

Arizona Technology Enterprises

\$55 Million Ira A. Fulton School of Engineering

\$50 Million W. P. Carey School of Business

\$43 Million Army Flexible Display Center

\$4 Million National Inst. of Mental Health

\$10 Million Piper Center for Creative Writing

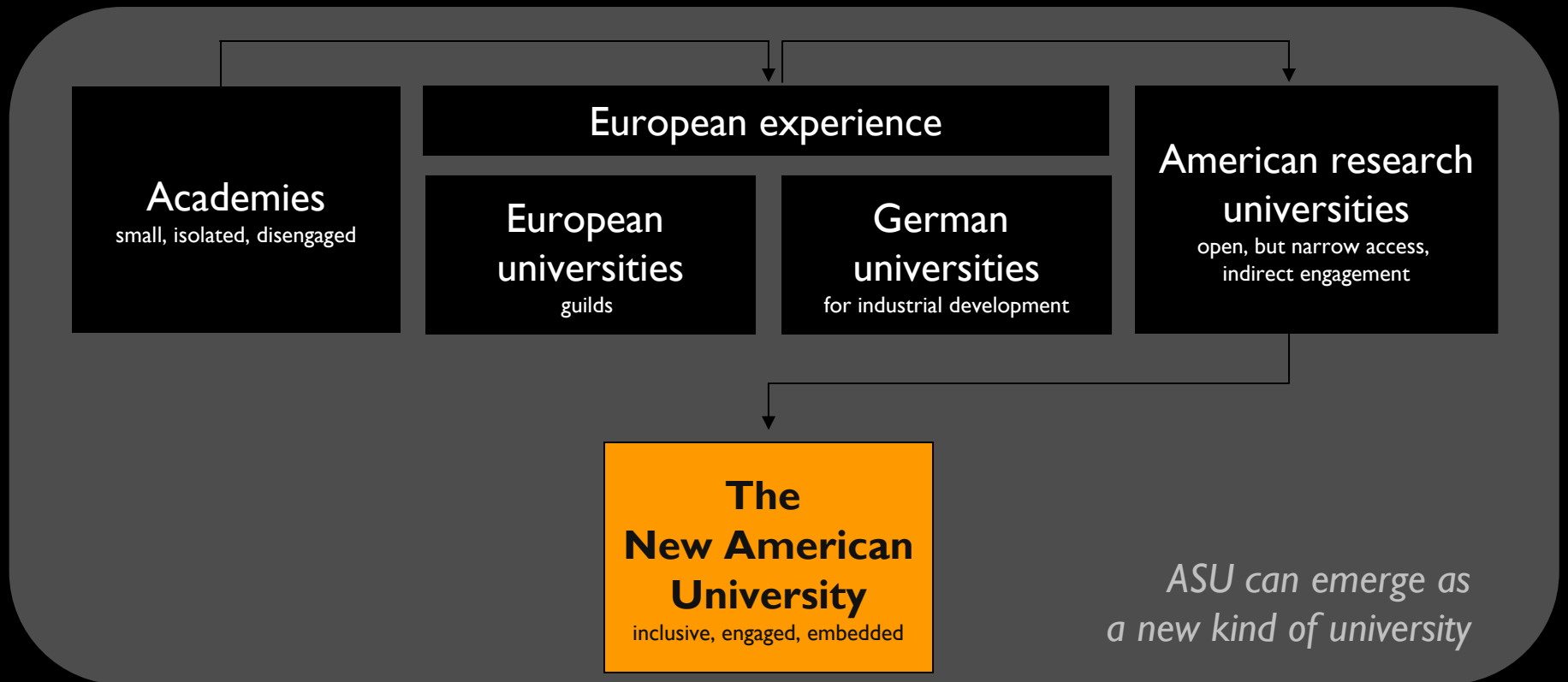
Funding

Extensive Portfolio

- Neurostimulation for spinal cord rehabilitation
- Brain control of prosthetic devices
- Artificial Intelligence
- Text analysis technology
- Software Modules & Bioinformatics Applications
- Protein and Disease Mutation Databases
- 3D Visualization, Modeling & Rapid Prototyping
- Peptide Therapeutics
- Anti-Microbial Peptides
- Plant-Derived Antibodies
- Programmable Metallization Cell (PMC) memory technology
- Skin Strengthening Compounds
- Cancer & Anti – Fungal Compounds
- Biosentinal Devices
- Glucose and other Sensor Technologies
- Nanobiotechnology
- Microfabricated Structures
- Microfluidics
- Biomarkers for Disease State Indicators
- Homeland Security / Bioterrorism Initiatives
- Vertical Cavity Surface Emitting Lasers (VCSELs)
- Water purification
- Desalinization technology
- Vaccine Vectors

Evolution of Universities
New American University
New Gold Standard

- Context
- ASU
- Design Imperatives**
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Evolution of Universities
New American University
New Gold Standard

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Design Imperatives for the New American University

The New Gold Standard

Embrace our Setting

Societal Transformation

Entrepreneurism

Pasteur's Principle

Focus on the Individual

Intellectual Fusion

Social Embeddedness

Global Engagement

Evolution of Universities
New American University
New Gold Standard

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ASU Must Embrace its Cultural, Socioeconomic, and Physical Setting

Consortium for the Study of Rapidly Urbanizing Regions

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**ASU Must Become a Force,
and Not Only a Place**

Center for Research on Education
in Science, Mathematics, Engineering
and Technology (CRESMET)

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Entrepreneurism:
A Culture of Academic Enterprise

Arizona Technology
Enterprises (AzTe)

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**A Pasteur's Principle:
Use-Inspired Research**

ASU-US Army Flexible Display Center

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Focus on the Individual:
Outcome-Determined Excellence/
A Commitment to Intellectual and
Cultural Diversity.

Polytechnic Campus and the
Barrett Honors College

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Intellectual Fusion:
Interdisciplinary/Multidisciplinary/
Transdisciplinary/Postdisciplinary

Arizona Biodesign Institute

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Social Embeddedness:
Public Service/Community
Engagement/Outreach

Stardust Center for Affordable
Homes and the Family

Embrace our Setting

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Global Engagement:
Transnational/Transcultural

Executive MBA in Shanghai
and in Mexico City

Embrace our Setting

Societal Transformation

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Pasteur's Principle

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North America
Central America
South America

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North America

Mexico:

ITSON: Instituto Tecnológico de Sonora

ITESM: Instituto de Estudios Superiores de Monterrey

UNAM: Universidad Nacional Autónoma de México

UABC: Universidad Autónoma de Baja California

UNISON: Universidad de Sonora

UAS: Universidad Autónoma de Sinaloa

CONACYT: Consejo Nacional de Ciencia y Tecnología

CINESTAV: Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional

ITAM: Instituto Tecnológico Autónomo de México

COLEF: El Colegio de la Frontera Norte

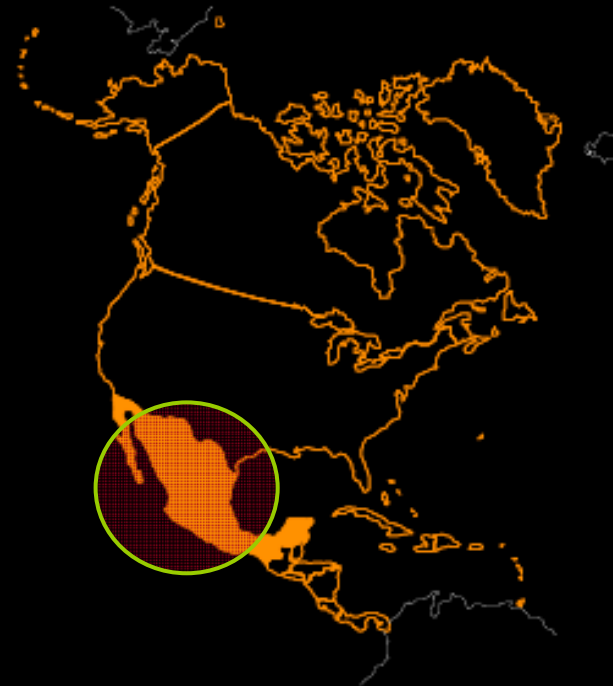
UI: Universidad Iberoamericana

UPN: Universidad Pedagógica Nacional

UANL: Universidad Autónoma de Nuevo Leon

State and federal government; secretariats of education and economic development; private sector

Mexican Consulates in Phoenix and AZ border communities



North America
Central America
South America

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North America

Canada

Canadian Consulate in Phoenix and LA
Director of the Canada/US Fulbright Program
University of British Columbia
University of Alberta
University of Calgary
Federal government



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Central America

Guatemala:

UVG: Universidad del Valle de Guatemala

Costa Rica:

UCR: Universidad de Costa Rica

ITCR: Instituto Tecnológico de Costa Rica

ULATINA: Universidad Latina de Costa Rica

UNA: Universidad Nacional de Costa Rica



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South America

Peru:

Universidad Nacional de la Amazonia Peruana

Universidad Nacional de San Antonio del Cusco

Brazil:

USP: Universidade de Sao Paulo

UNICAMP: Universidade Estadual de Campinas

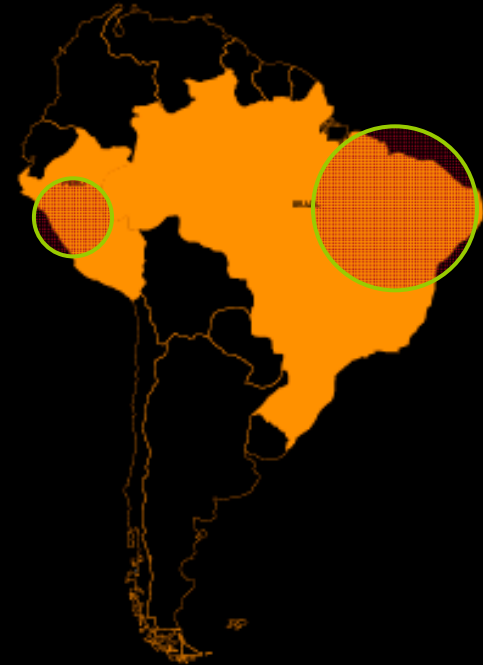
UERJ: Universidade Estadual do Rio de Janeiro

UFRJ: Universidade Federal do Rio de Janeiro

Universidade de Brasilia

CAPES: Coordenação de Aperfeiçoamento de
Pessoal de Nível Superior

Honorary Consulate of Brazil in Phoenix



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South America

Colombia:

UP: Universidad de Pamplona

UPTC: Universidad Pedagógica y Tecnológica de Colombia

Argentina:

UBA: Universidad de Buenos Aires

UNLP: Universidad Nacional de la Plata

CONICET: Consejo Nacional de Investigaciones Científicas
y Técnicas

UTN: Universidad Tecnológica Nacional



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South America

Chile:

UC: Pontificia Universidad Católica de Chile

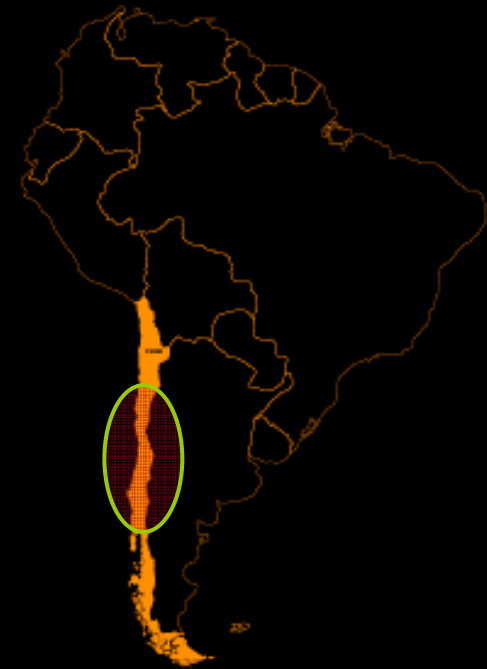
UCHILE: Universidad de Chile

UTSFM: Universidad Técnica Federico Santa
María, Universidad Austral de Valdivia

ULL: Universidad Los Lagos de Osorno,
La Fundación Chile

CONICYT: Comisión Nacional de Investigación
Ciencia y Tecnología

Embassy of Chile in the U.S.



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