Wave 5
Launching the next wave in higher education

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ASU GSV Summit
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president.asu.edu/asugsv
College Degree Attainment Rate of Working-Age Population by Country 1870-2010
College Degree Holders in Working-Age Population by Country, 1870-2010
Global College Degree Production as a Percent of 15-24 Year Old Population

Asia

Europe

North America

South America

Africa

Global Degree Production Capacity: 43,533,446
Global College Degree Production as a Percent of 15-24 Year Old Population

- Asia
  - China
  - India
  - Russia
  - South Korea
  - Turkey
  - Vietnam
- North America
  - United States of America
  - Canada
  - Mexico
- South America
  - Brazil
  - Argentina
- Africa
  - South Africa
- Europe
  - United Kingdom
  - France
  - Germany
  - Russia
  - Japan
- Oceania
  - Australia

Global Degree Production Capacity: 43,533,446

Number of Degrees Produced as a % of 15-24 Year Old Population: 12.4%
Global College Degree Production and Degree Production Growth

Global Degree Production Capacity: 43,533,446

Percent increase in degree production from 2000-05 to 2009-15: 67% - 161%
U.S. Undergraduate Enrollment by Sector, Institution and Pell Intensity

2014 undergraduate enrollment = 13,163,399

Public Universities

Private Universities

For-Profit Universities

Percent of Undergraduates Receiving Pell Grants

0%

100%
U.S. Bachelor’s Degree Production by Sector, Institution and Graduation Rate

2014 bachelor’s degree production = 1,892,741
The Imperative of Innovation

Current National Degree Production

Six Year Graduation Rate

0% 100%
The Imperative of Innovation

National Degree Production Needed to Accommodate Population Growth

Current National Degree Production

Six Year Graduation Rate

0% 100%
The Imperative of Innovation

National Degree Production Needed in 2030 to Achieve 60x30TX Goals

National Degree Production Needed to Accommodate Population Growth

Current National Degree Production

Six Year Graduation Rate

0% 100%
What is preventing new models?

- Mimetic Simplicity
- Normative Culture
- Coercive Bureaucracy
ASU Teaching and Learning Realms for Wave 5
ASU Teaching and Learning Realms for Wave 5

Knowledge

01

Full Immersion
On-campus
Technology Enhanced

The ideas and means of the university
ASU Teaching and Learning Realms for Wave 5

01
Full Immersion
On-campus Technology Enhanced

Knowledge

02
Digital Immersion
Online Technology Enhanced

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03

Digital Immersion
Massively Open
Technology Enhanced

The ideas and means of the university
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Knowledge

01 Full Immersion
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02 Digital Immersion
Online Technology Enhanced

03 Digital Immersion
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04 Education through Exploration Technology Enhanced
ASU Teaching and Learning Realms for Wave 5

- **Knowledge**
  - **01** Full Immersion On-campus Technology Enhanced
  - The ideas and means of the university

- **02** Digital Immersion Online Technology Enhanced
- **03** Digital Immersion Massively Open Technology Enhanced
- **04** Education through Exploration Technology Enhanced
- TBD
The Imperative of Innovation

Current National Degree Production

National Degree Production Needed to Accommodate Population Growth

National Degree Production Needed in 2030 to Achieve 60x30TX Goals

Six Year Graduation Rate

0%

100%
ASU Draper GSV Accelerator

A revolutionary new approach that partners a comprehensive research university with leading venture capitalists and investment advisors to source, fund, pilot and credential higher education technology companies.
ASU Draper GSV Accelerator

• Mentorship across partner ecosystems

• Access to ASU campus communities for user testing and faculty advising

• Up to $50,000 in funding for transportation and product development costs

• Certification of market-preparedness upon completion
2016 Harold W. McGraw Prize in Education

Anant Agarwal  
(Higher Ed Winner)

Alberto Carvalho  
(K-12 Winner)

Sakena Yacoobi  
(International Winner)