Wave 5
Launching the next wave in higher education

Michael M. Crow
The Sedona Forum
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Gross World Product in Current Dollars, 1960-2014

Trillions of US Dollars
College Degree Attainment Rate of Working-Age Population by Country 1870-2010

- United States
- South Korea
- Ireland
- Mexico
- Philippines
- China
- Zimbabwe

Percent of Working-Age Population

College Degree Holders in Working-Age Population by Country, 1870-2010

- United States
- India
- Russia
- China
- Japan
- South Korea

Millions of People

Years:
- 1870
- 1880
- 1890
- 1900
- 1910
- 1920
- 1930
- 1940
- 1950
- 1960
- 1970
- 1980
- 1990
- 2000
- 2010

ASU
Global College Degree Production as a Percent of 15-24 Year Old Population

Global Degree Production Capacity: 43,533,446

Number of Degrees Produced as a % of 15-24 Year Old Population

0% 12.4%
### U.S. Undergraduate Enrollment by Sector, Institution and Pell Intensity

2014 undergraduate enrollment = 13,163,399

#### Public Universities

- **2014 undergraduate enrollment = 13,163,399**

#### Private Universities

- **For-Profit Universities**

- **Percent of Undergraduates Receiving Pell Grants**

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<tr>
<th>University</th>
<th>Pell Intensity</th>
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<td>Public</td>
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<tr>
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U.S. Bachelor’s Degree Production by Sector, Institution and Graduation Rate

2014 bachelor’s degree production = 1,892,741
The Imperative of Innovation
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National Degree Production Needed to Accommodate Population Growth

Current National Degree Production

Six Year Graduation Rate
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?

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

01

Full Immersion
On-campus
Technology Enhanced

The ideas and means of the university
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Massively Open
Technology Enhanced
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   - Online
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03 Digital Immersion
   - Massively Open
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04 Education through Exploration
   - Technology Enhanced
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TBD
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