

# UTRGV: A 21<sup>st</sup> Century University for the Community at Large

## Connecting Communities to Regional Economic Development Panel

Theresa A. Maldonado, Ph.D., P.E.  
Senior VP for Research, Innovation,  
& Economic Development

Southwest Border Colonias: Housing and  
Sustainable Development in the 21<sup>st</sup> Century  
UN Habitat III US Regional Conference  
El Paso, TX  
June 23, 2016

**Who are we?**



# UTRGV Key Institutional Priorities

- **Student success**
- Educational opportunity
- Medical education
- Research on issues relevant to the Valley

# Who are our students?

## *Our Colleges*

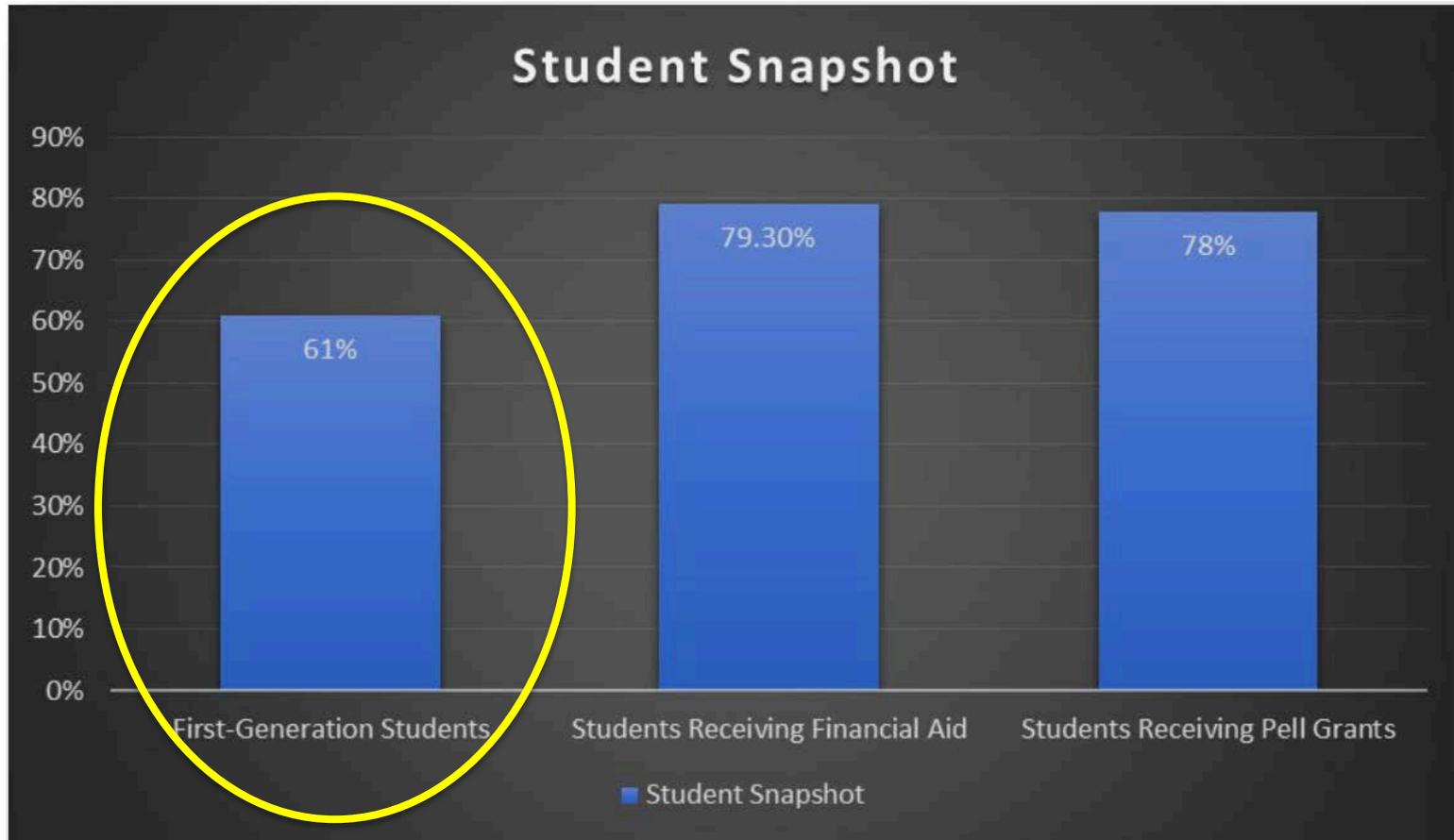
- ◆ College of Health Affairs
- ◆ College of Science
- ◆ College of Liberal Arts
- ◆ College of Fine Arts
- ◆ College of Engineering & Computer Science
- ◆ College of Business & Entrepreneurship
- ◆ College of Education & P-16 Integration
- ◆ Graduate College
- ◆ University College
- ◆ Honors College

**New School of Medicine – July 2016**

## *Demographics*

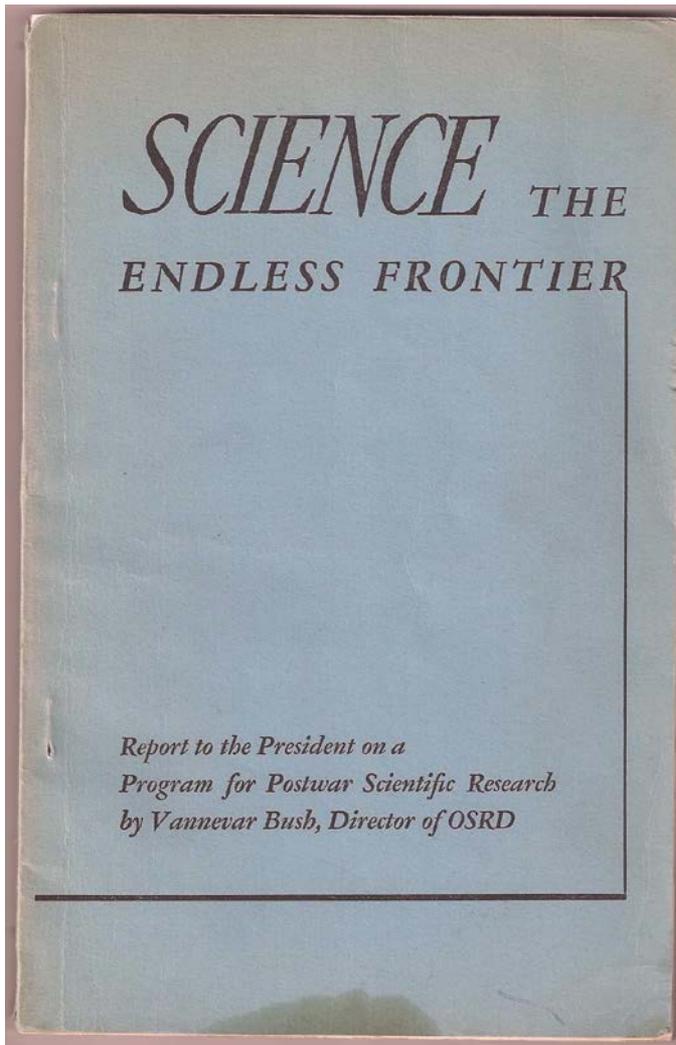
<b>Undergraduate</b>	<b>87%</b>
<b>Graduate</b>	<b>13%</b>
<b>Females</b>	<b>57%</b>
<b>Fulltime</b>	<b>65%</b>
<b>Hispanic</b>	<b>88.8%</b>
<b>White Non-Hispanic</b>	<b>3.7%</b>
<b>Pell Grants</b>	<b>78%</b>
<b>Financial Aid</b>	<b>79.3%</b>

# Who are our students?

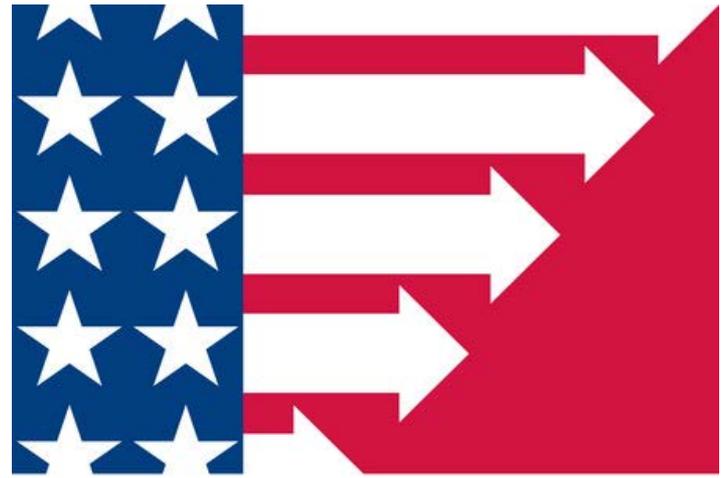


## How do we ensure Student Success?

How do universities engage in economic development?



Vannevar Bush, Director Office of Scientific R & D, to Pres. Truman, July 1945. Led to the formation of the **National Science Foundation** in 1950. Explored how research can drive ED.



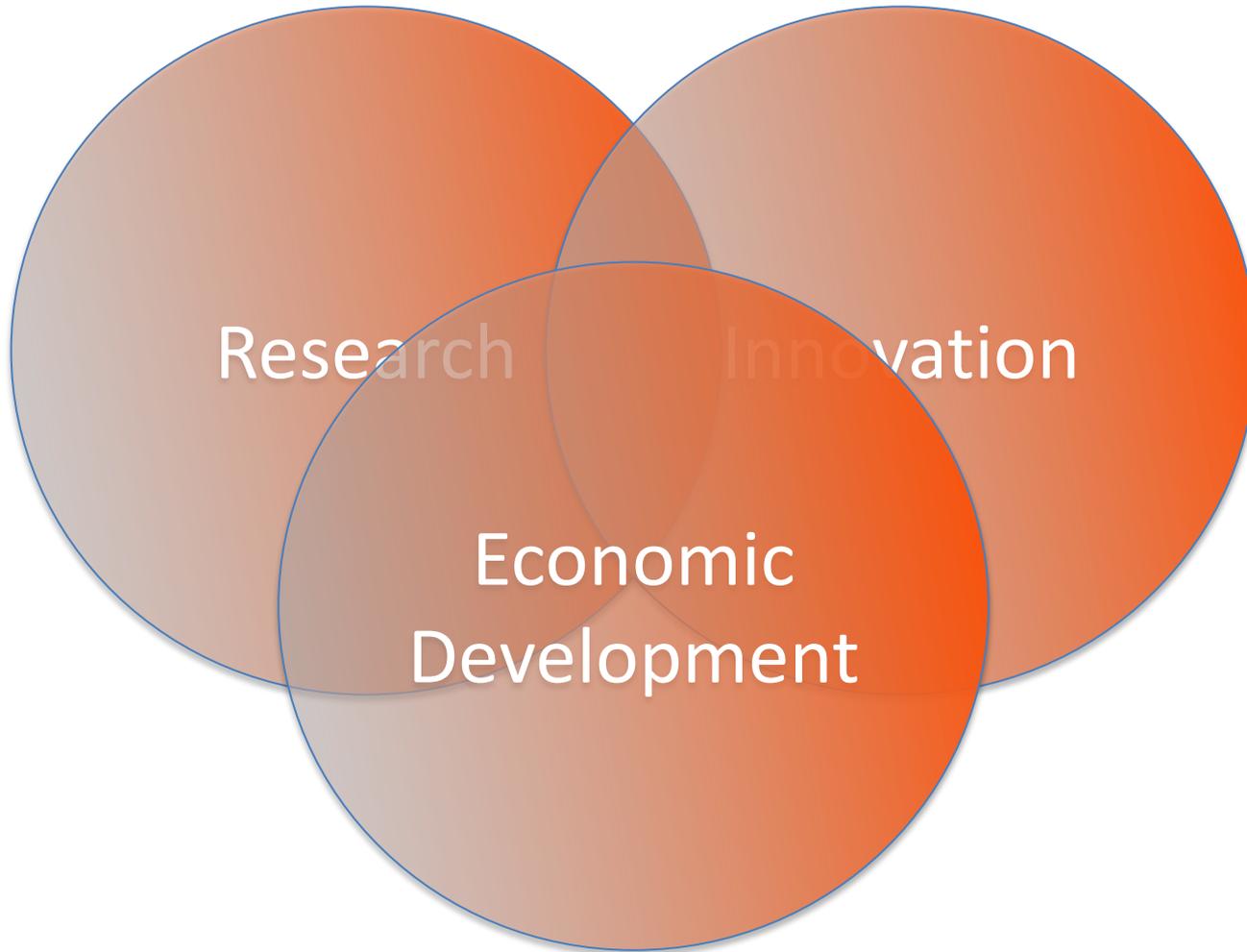
## RESEARCH UNIVERSITIES AND THE FUTURE OF AMERICA

Ten Breakthrough Actions Vital to  
Our Nation's Prosperity and Security

NATIONAL RESEARCH COUNCIL  
OF THE NATIONAL ACADEMIES

National Research Council, 2012. Emphasizes the importance of research universities to U.S. economic development in the era of minimal state support, challenging federal funding, and shift in industry R&D.

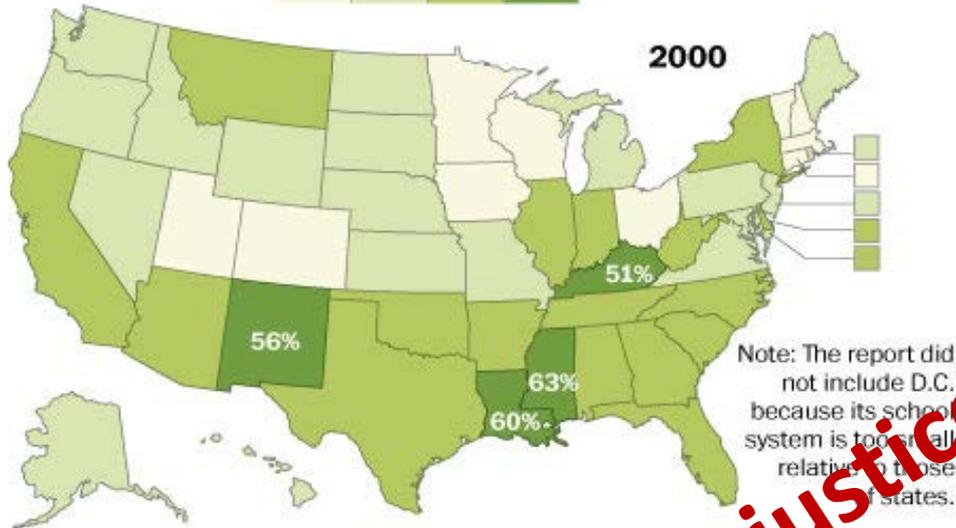
# My Office: University-Driven Economic Development



What's the context?

Percentage of low-income students\*

30% 40% 50%



# Poverty increasing in public schools

Low-income students made up at least half the public school student population in 17 states in 2011, a marked increase from 2000, when four states topped 50 percent.

Washington Post, 10/16/2013

**Not just a social justice issue but also an economic development issue!**

From: [http://www.washingtonpost.com/local/education/study-poor-children-are-now-the-majority-in-american-public-schools-in-south-west/2013/10/16/34eb4984-35bb-11e3-8a0e-4e2cf80831fc\\_story.html?tid=auto\\_complete](http://www.washingtonpost.com/local/education/study-poor-children-are-now-the-majority-in-american-public-schools-in-south-west/2013/10/16/34eb4984-35bb-11e3-8a0e-4e2cf80831fc_story.html?tid=auto_complete)



### Quick Links

MESSAGE FROM THE CO-CHAIRS

JOIN OUR MAILING LIST

SUGGEST A MEETING TOPIC

CONTACT US



# Building Smart Communities for the Future

JUNE 21-22, 2016 | KECK CENTER | 500 FIFTH ST., N.W. | WASHINGTON, DC



### Upcoming Events

July **21** 2016  
GUIRR Webinar  
[I-Corps at the National Institutes of Health](#)  
1:00 pm

June **21-22** 2016  
GUIRR Meeting  
[Building Smart Communities for the Future](#)

[AGENDA](#) | [LOGISTICS MEMO](#) | [SPEAKERS](#) | [RELATED READING](#)

Over half the world's population currently lives in urban areas, and in 2014 the United Nations released a report projecting that by 2050 that number will rise to 70 percent. With the trend of rapid urbanization in mind, many countries have started planning to strategically supporting the development of smart cities and communities: urban centers—enabled by ICT technology and reinforced by sustainability and livability goals—that maximize resource allocation and efficiency of services through intelligent, connected devices and automated systems. This meeting will explore the common characteristics of smart communities, the role of connectedness and sustainability in developing smart communities, and the partnerships between governments, universities, and industry that are integral to advancing smart community development. Throughout we will touch on challenges, opportunities, and policy implications associated with the roll-out of intelligent systems.

# Adapting federal initiatives to the local level



## Broadband Opportunity Council Report and Recommendations

Pursuant to the Presidential Memorandum on  
Expanding Broadband Deployment and Adoption by  
Addressing Regulatory Barriers and Encouraging  
Investment and Training

August 20, 2015

Co-Chairs:

Secretary Penny Pritzker, U.S. Department of Commerce  
Secretary Tom Vilsack, U.S. Department of Agriculture

# What would the Bi-National RGV Asset Map look like? Take a look at San Diego and the Imperial Valley.



## Cali Baja Bi-National Mega-Region Imperial Valley

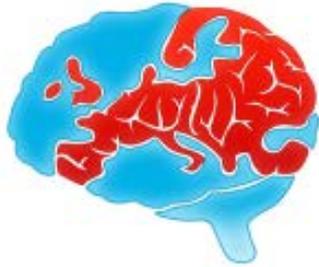
<http://www.ivedc.com/cali-baja-bi-national-mega-region/cali-baja-bi-national-mega-region-asset-map/>

**What's next?**

# Next steps

- UTRGV roles:
  - Convener
  - Facilitator
  - Integrator
  - Educator
- Identify and strengthen partnerships (public/private)
- Engage the communities
- Ask the right questions...

# UTRGV Student (Virtual) Think Tank



## Our Students:

- Persistent
- Resilient
- Resourceful
- Creative

## EUROPEAN STUDENT THINK TANK

[about us](#) / [get involved](#) / [articles and blogs](#) / [european policy review](#) / [international office](#) /

### RECENT PUBLICATIONS

- [The Presidential Weekly Note: Up-to-date and on the ball](#)
- [EST AMBASSADORS WANTED!](#)
- [The fear to act Humane](#)
- [Refugee crisis: why pragmatism and empathy both must be summoned](#)



### [THE PRESIDENTIAL WEEKLY NOTE: UP-TO-DATE AND ON THE BALL](#)

I assume since you are reading this, you are an interested and an active member of society. You are a vibrant young student ready for action and deeply enthusiastic about [...]