

*Welcome to AIMS<sup>2</sup>(HSI-STEM Grant)  
Meeting # 29*



*JD 1568  
2 PM - 4 PM  
Oct 16, 2014*



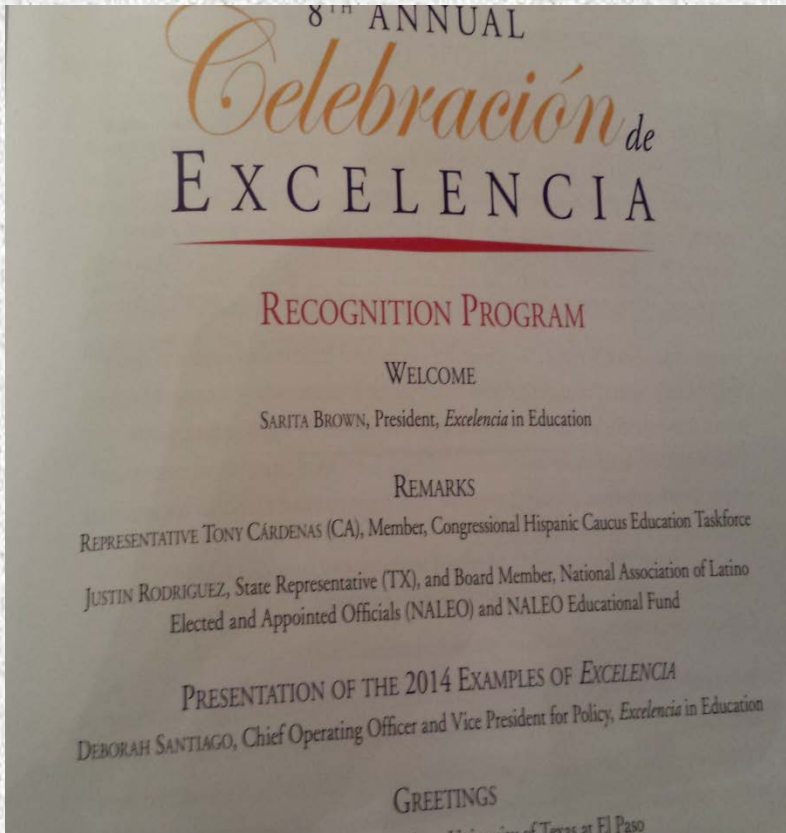
# AGENDA

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  - **Project Evaluation and Progress to date – Nathan**
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## *Celebracion de Excelencia: 9/30/14*



“This year’s Examples of *Excelencia* and finalists are at the forefront of meeting the challenge of improving higher educational achievement for Latino students,” said **Sarita Brown, president of *Excelencia* in Education**. “No longer should policymakers and institutional leaders ask how to improve college success for Latinos – we have the largest accumulation of proven examples and tested strategies that show them how. Today’s question is do leaders have the will to put these practices into action.”

- **U.S. Rep. Tony Cárdenas (San Fernando Valley, Calif.)** brought greetings on behalf of the Congressional Hispanic Caucus. He congratulated *Excelencia* in Education and the Examples of *Excelencia* program, highlighting the California State University, Northridge's Engineering and Computer Science HSI-STEM Initiative, an institution from his congressional district who received recognition as an Honorable Mention in the bachelor's degree category. Cárdenas urged the audience never to pass up an opportunity to mentor Latino students toward success.

See more at: <http://www.edexcelencia.org/media/press-releases/excelencia-announces-top-programs-increasing-latino-student-success>



# *Excelencia Foundation Recognition: 9/30/14*



Anwar, Ramesh, Sarah, Richard (above)  
Richard, Bruno, Anwar, Ramesh (below)



Congressman Cardenas' remarks  
President Sarita Brown looks on





## *White House STEM Workshop*

- CSUN hosted one of the four national workshops on October 7, 2014
- Focused on College Opportunity and broadening participation in STEM
- Supported by the Helmsley Trust and the White House OSTP
- Next up: White House STEM Summit on December 4, 2014



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# ***COMPARATIVE STUDENT ACHIEVEMENT DATA***

**Evaluation Team Update**





## *Methodology*

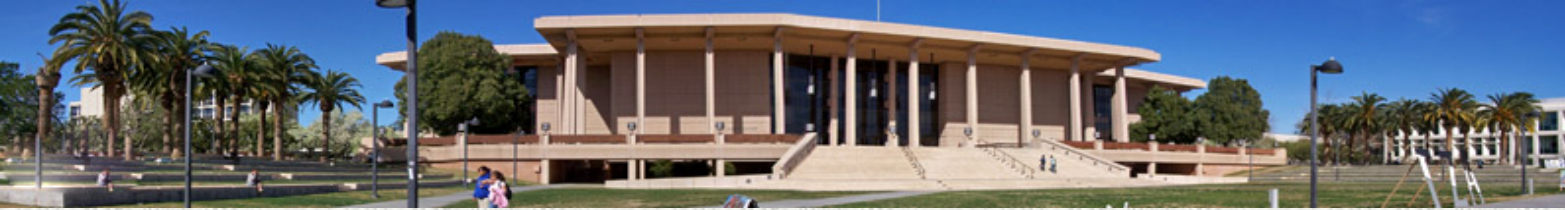
- Design
  - Number of units
    - Mean cumulative units through Spring 2014
  - GPA
    - Mean cumulative GPA through Spring 2014
  - Next term persistence
    - Semester enrollment through Spring 2014
- Data Sources
  - Institutional research enrollment and course data
- Data Analysis Procedures
  - Descriptive statistical analysis of measures of central tendency (mean units and mean GPA) and frequency (persistence)





# Demographics Trends

	<b>COHORT</b>		<b>COMPARISON</b>
<i>Sex</i>		<i>Sex</i>	
	— 19.4% Female		— 15.9% Female
	— 80.6% Male		— 84.1% Male
<i>Ethnicity</i>		<i>Ethnicity</i>	
	— 1.5% African American		— 2.2% African American
	— 4.5% Asian American		— 6% Asian American
	— 64.2% Latino/Hispanic		— 65.5% Latino/Hispanic
	— 19.4% White		— 15.5% White
	— 10.4% Other		— 10.8% Other
<i>Age</i>		<i>Age</i>	
	— 42% (18-22)		— 43% (18-22)
	— 48% (23-29)		— 46.1% (23-29)
	— 9% (30-39)		— 9.1% (30-39)
	— 1.5% (40-49)		— 2.2% (40-49)
<i>Pell Grant Status</i>		<i>Pell Grant Status</i>	
	— 77.6% Yes		— 64% Yes
	— 22.4% No		— 36% No



## *Cohort 1 Trends: Units and GPA*

### **Cohort 1**

- Mean Cumulative Units
  - n = 26
  - Mean = 47.08
- Mean Cumulative GPA
  - n = 26, n = 85
  - Mean = 2.83

### **Comparison Group 1**

- Mean Cumulative Units
  - n = 85
  - Mean = 47.59
- Mean Cumulative GPA
  - n = 85
  - Mean = 2.78





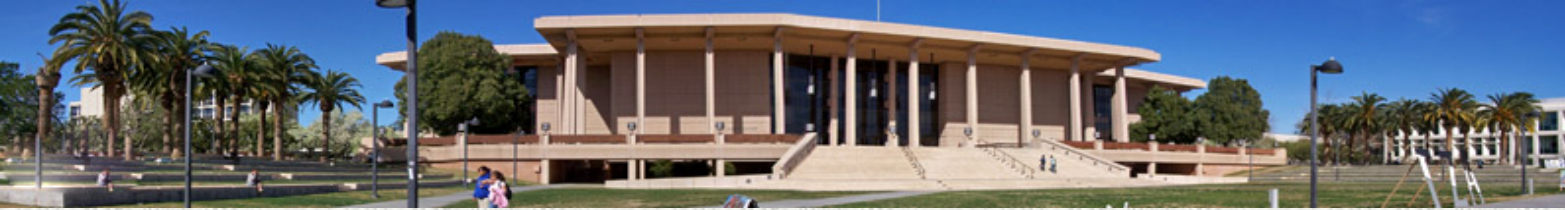
## *Cohort 2 Trends: Units and GPA*

### **Cohort 2**

- Mean Cumulative Units
  - n = 29
  - Mean = 38.27
- Mean Cumulative GPA
  - n = 28
  - Mean = 2.88\*

### **Comparison Group 2**

- Mean Cumulative Units
  - n = 89
  - Mean = 21.36
- Mean Cumulative GPA
  - n = 89
  - Mean = 2.66



## *Cohort 3 Trends: Units and GPA*

### **Cohort 3**

- Average Cumulative Units
  - n = 9
  - Mean = 27.89
- Average Cumulative GPA
  - n = 9
  - Mean = 3.19

### **Comparison Group 3**

- Average Cumulative Units
  - n = 23
  - Mean = 23.74
- Average Cumulative GPA
  - n = 23
  - Mean = 2.79





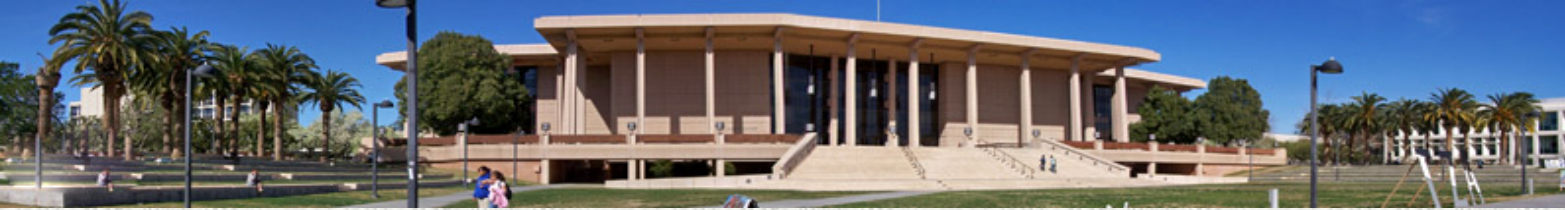
## *Persistence Amongst Cohorts vs. Comparison*

### **Cohort by Year 3**

- Cohort 1 = 93.4%
- Cohort 2 = 100%
- Cohort 3 = 100%

### **Comparison by Year 3**

- Comparison 1 = 81.2%
- Comparison 2 = 86.4%
- Comparison 3 = 100%



## *Overall Trends*

- Comparisons
  - From Fall 2012 – Spring 2014
    - All three cohorts have significantly higher GPAs than the comparison group
    - All three cohorts have marginally to significantly higher next year persistence than the comparison group
- Cohort 3
  - CGG and COC
    - Enrolls in more units than comparison
    - Highest average GPA
    - Most stable cohort size





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## *Meeting Calendar for Fall 14*

- ✓ *September 18<sup>th</sup>, 2014*
- ✓ *October 16<sup>th</sup>, 2014*
- *November 13<sup>th</sup>, 2014*
- *December 11<sup>th</sup>, 2014*

**\*All meetings above are scheduled from 2 PM – 4 PM in JD 1568.**



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## ● **Adjourn**