



# MOMENTUM PATHWAYS TO STUDENTS' DREAMS

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Senior Vice President  
Complete College America

#CCADream17

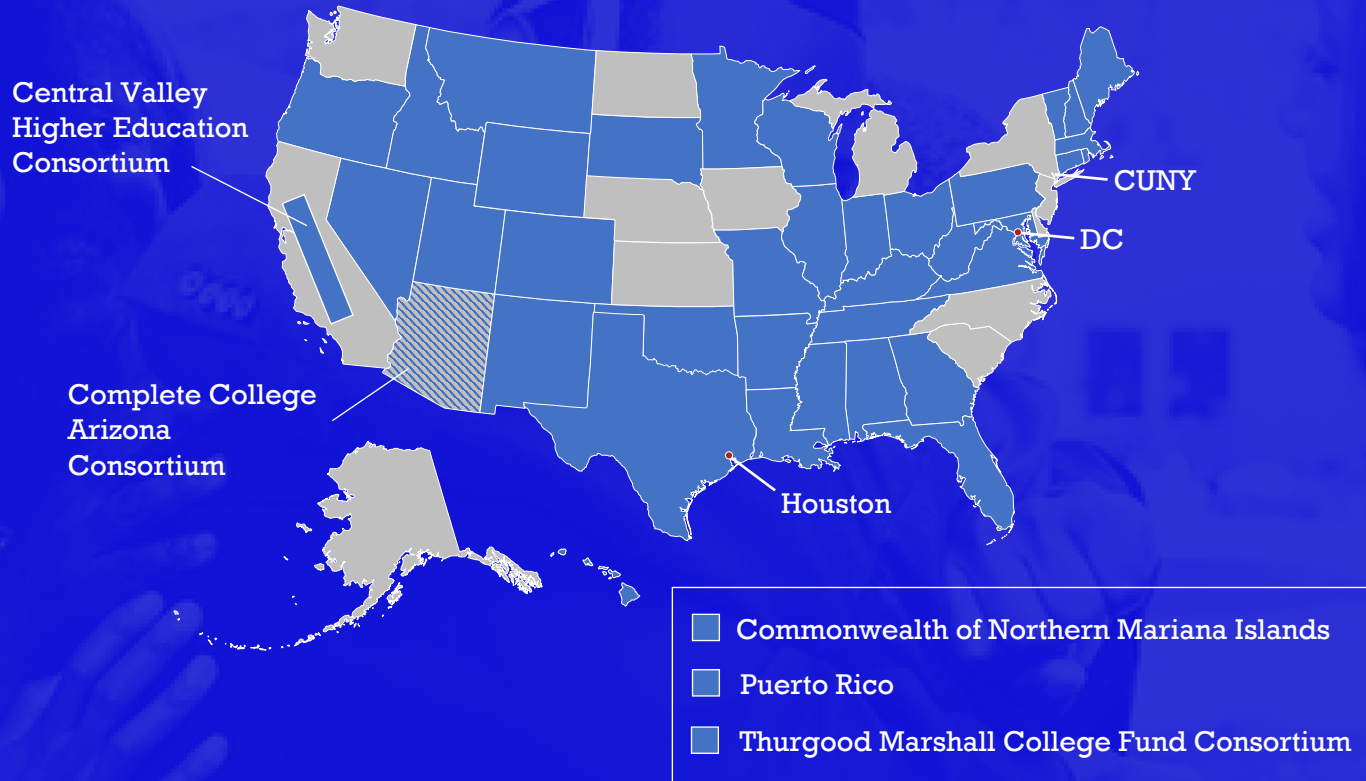
The background of the slide is a blue-tinted photograph of a group of graduates in caps and gowns. They are smiling and appear to be celebrating, with some raising their hands. The image is slightly out of focus, emphasizing the text in the foreground.

# **State/National Momentum**

## **Student Momentum**

### **Momentum Pathways**

# State/National Momentum



# The Game Changers

15 to Finish

Math Pathways

Corequisite Support

GPS Direct

Structured Schedules



**#15toFinish**

**15<sup>to</sup>**  
**FINISH**



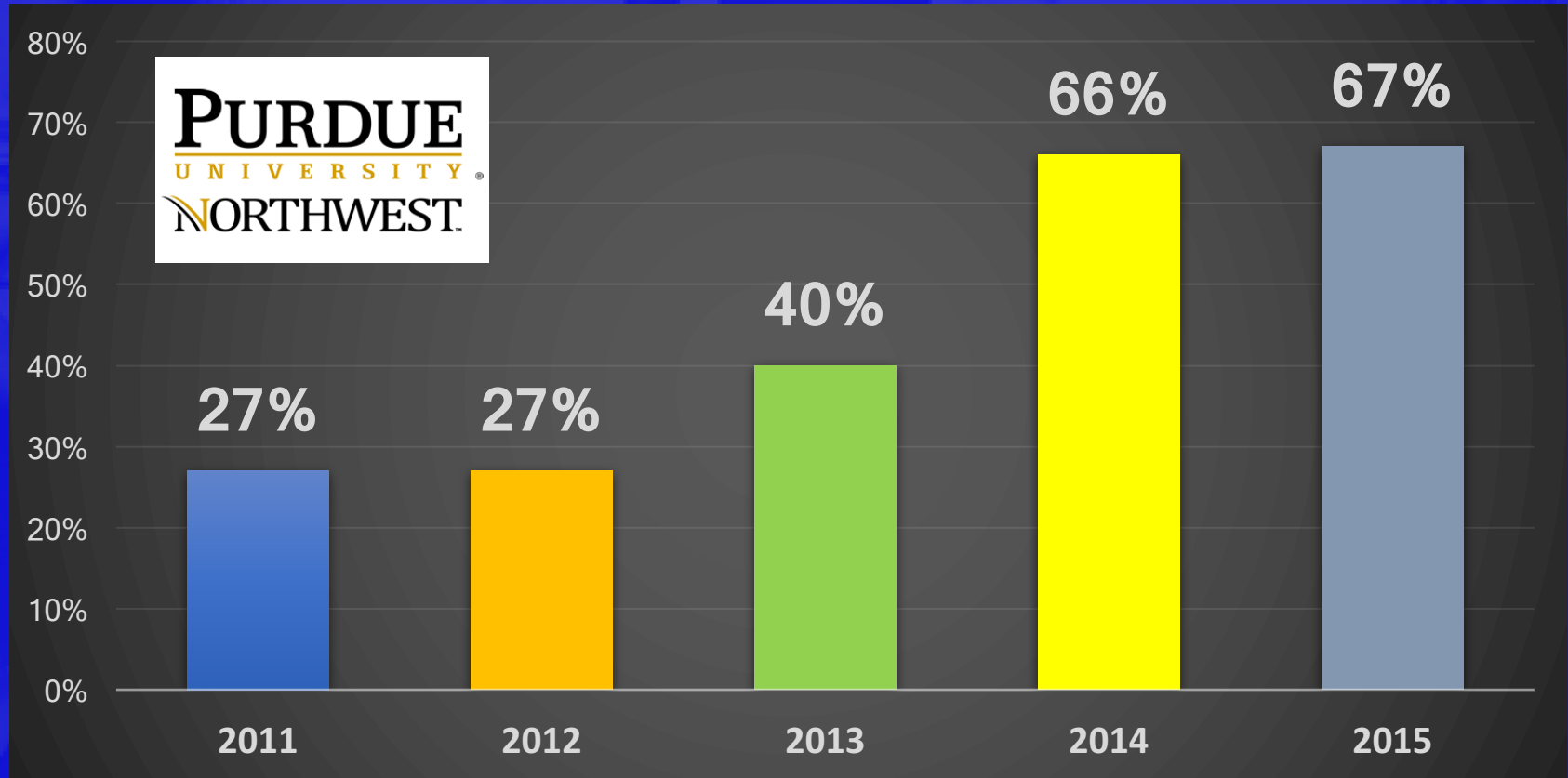
**2+2**

**THINK**

ELEVATE • EDUCATE • INNOVATE



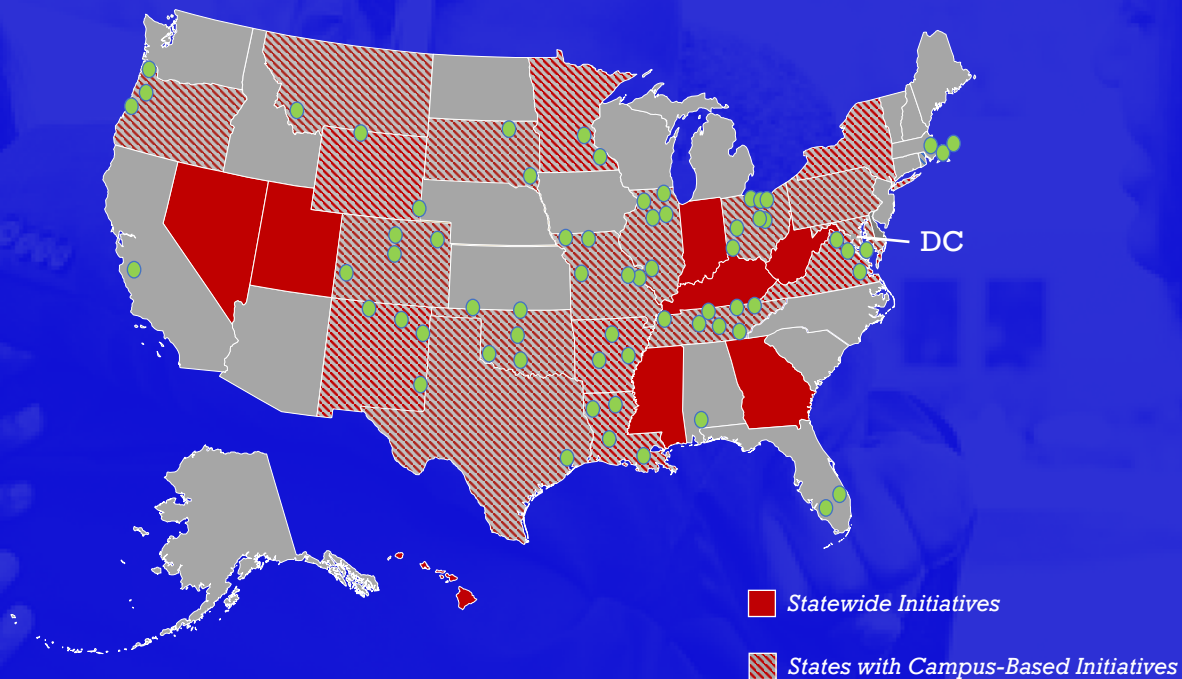
# 15 to Finish Increases Credits Attempted







# Fifteen to Finish







**#MathPathways**

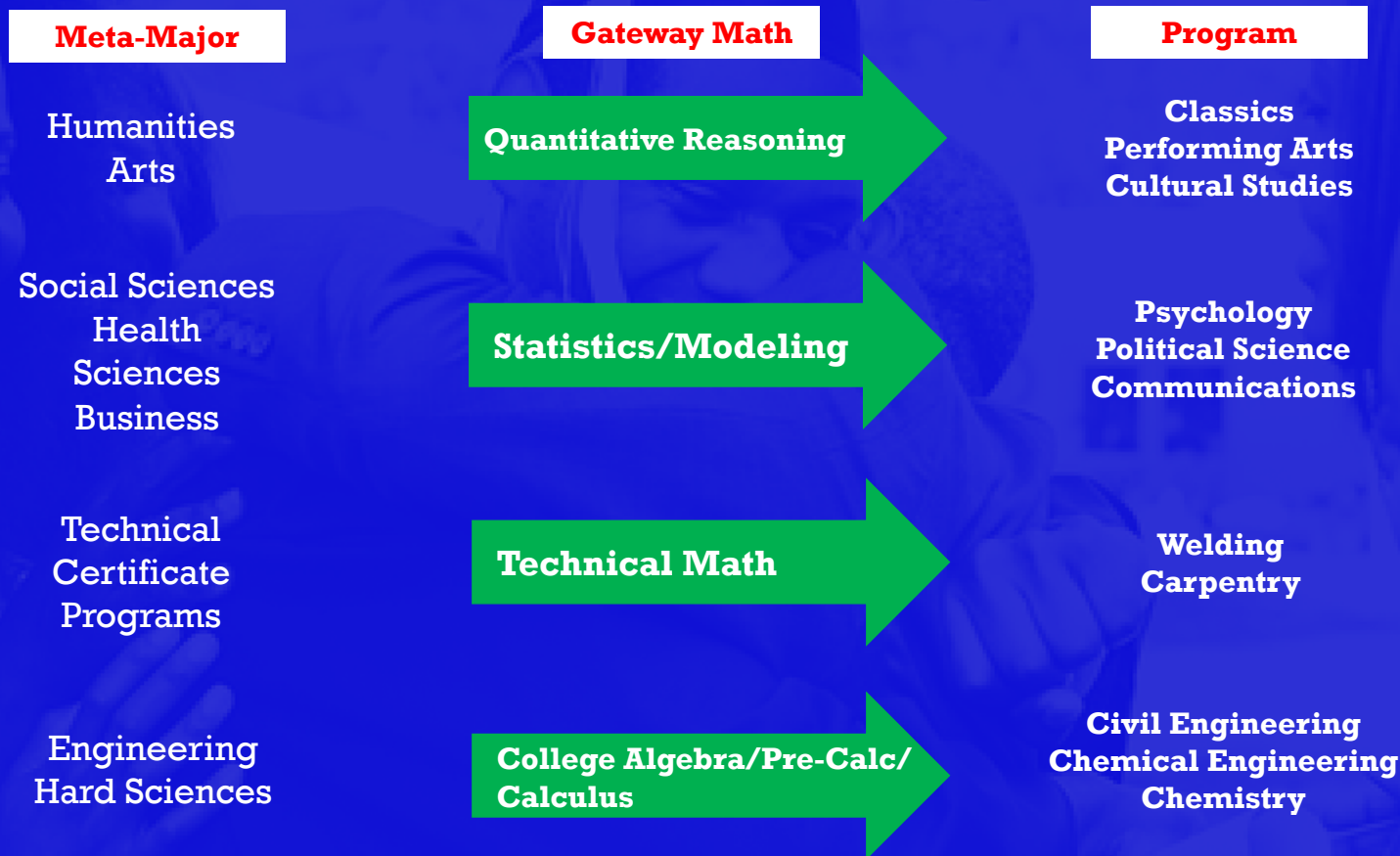
# College Algebra's Purpose Is Preparation for Programs Requiring Calculus

College  
Algebra

Program

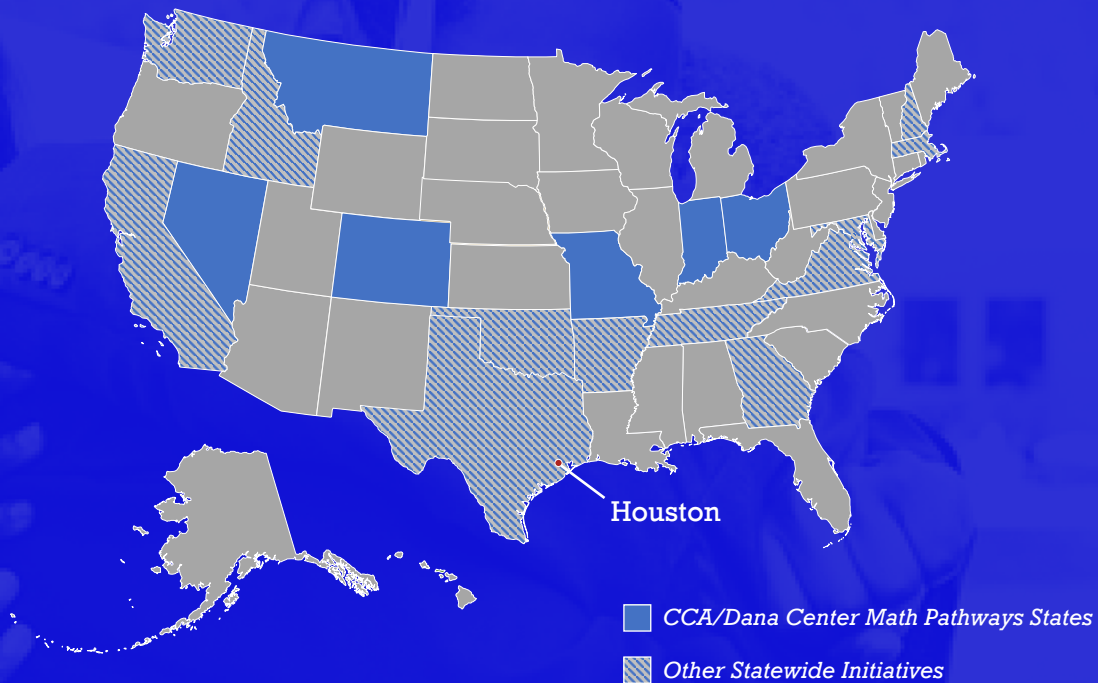
Calculus

# Math Is Aligned to Majors





# Math Pathways



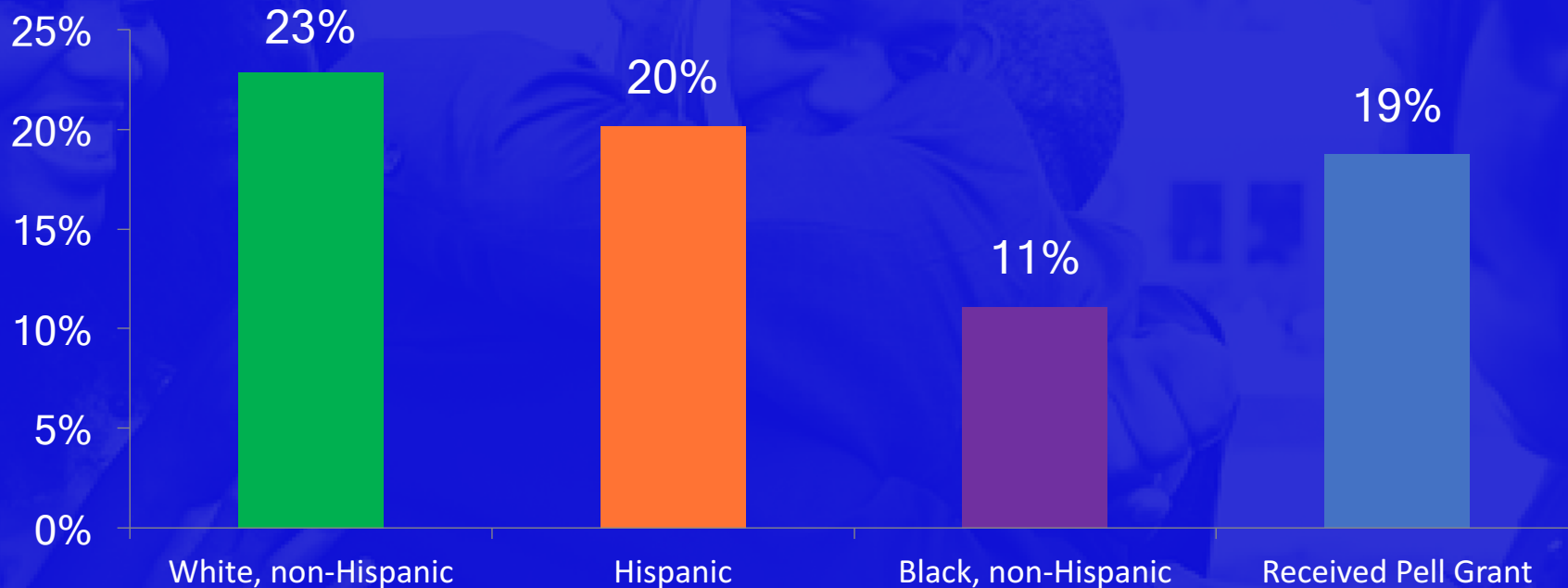


# Corequisite Support

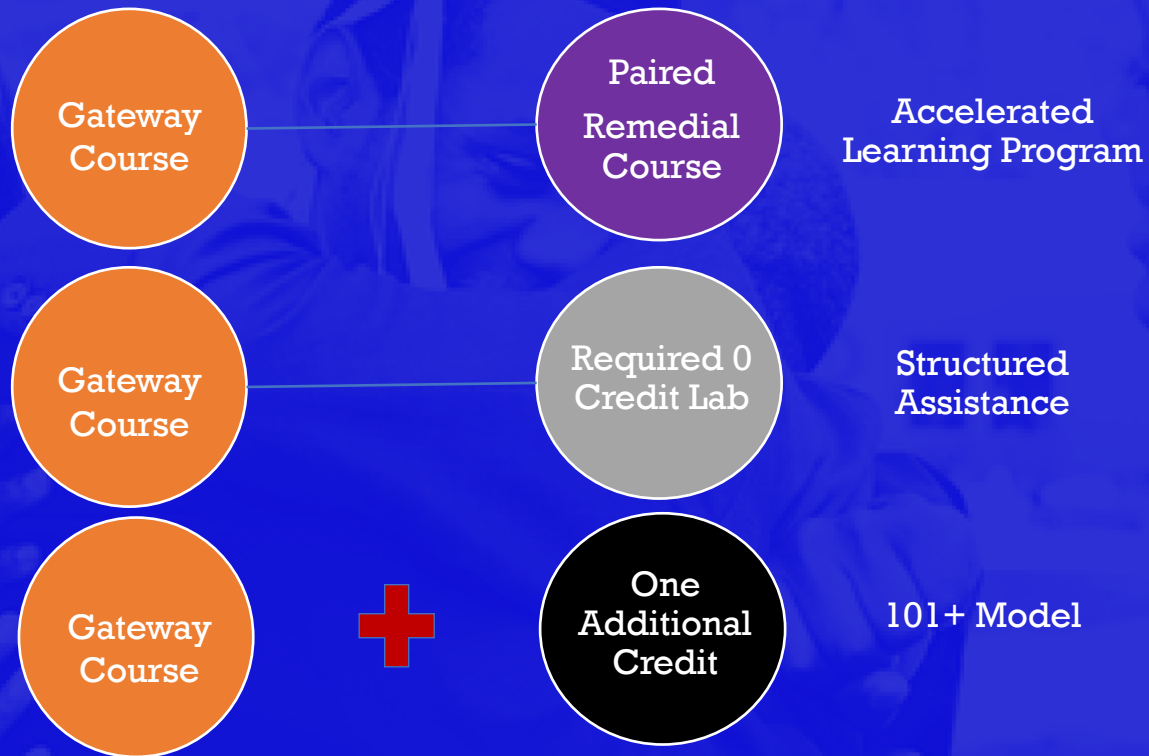
## #CoreqWorks

# The System Does Not Work, Particularly for African Americans

Gateway Course Completion in 2 years  
2-year college remedial students

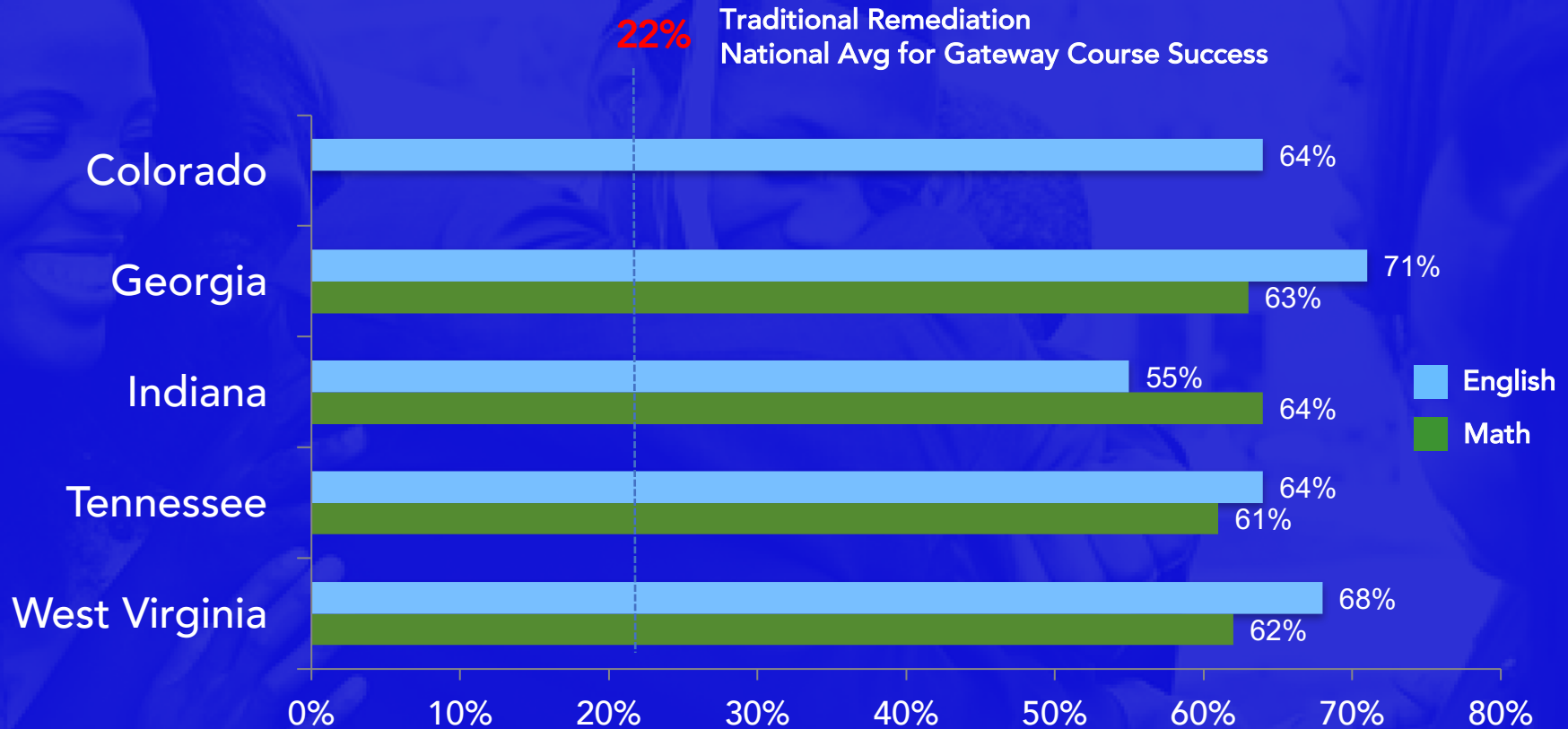


# Multiple Corequisite Models



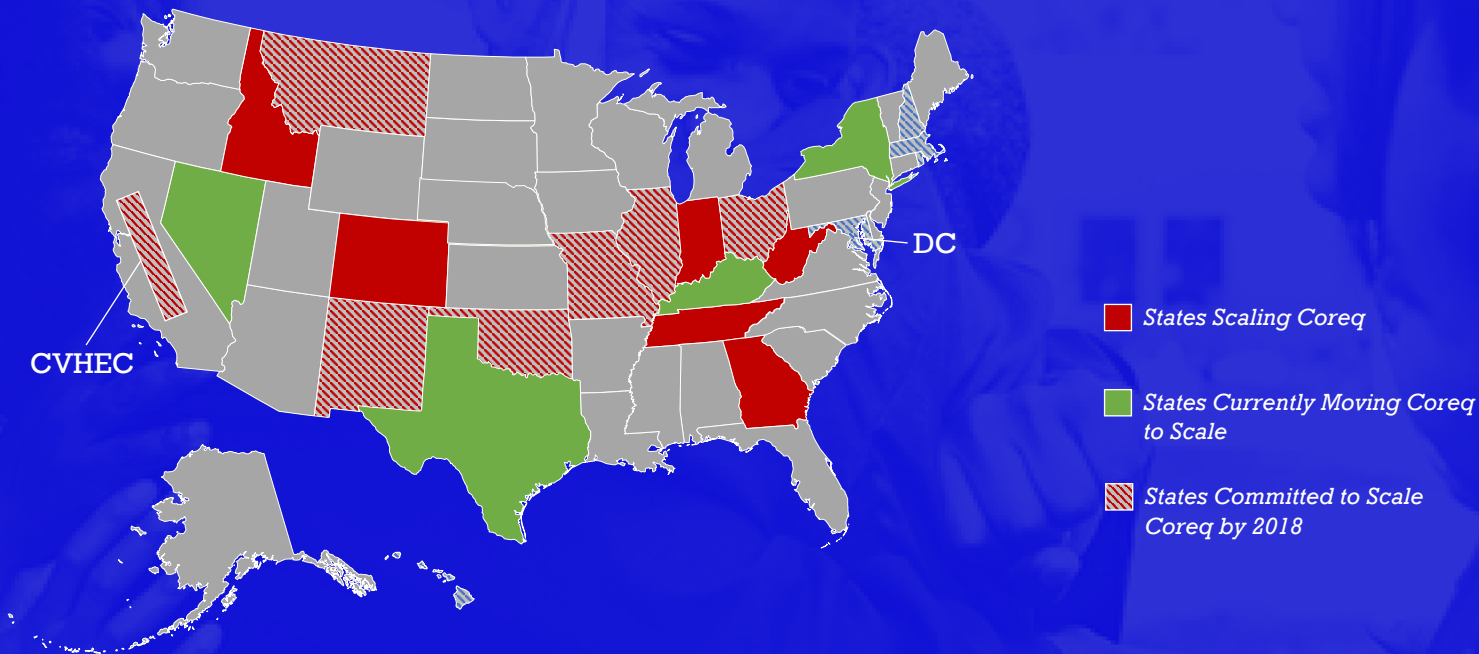


# One Semester Scaled Results





# Corequisite Support





**GPS Direct**  
**#GPSDirect**

# GPS Direct Essential Components



1. Purpose First: Informed Choice & Meta-Majors



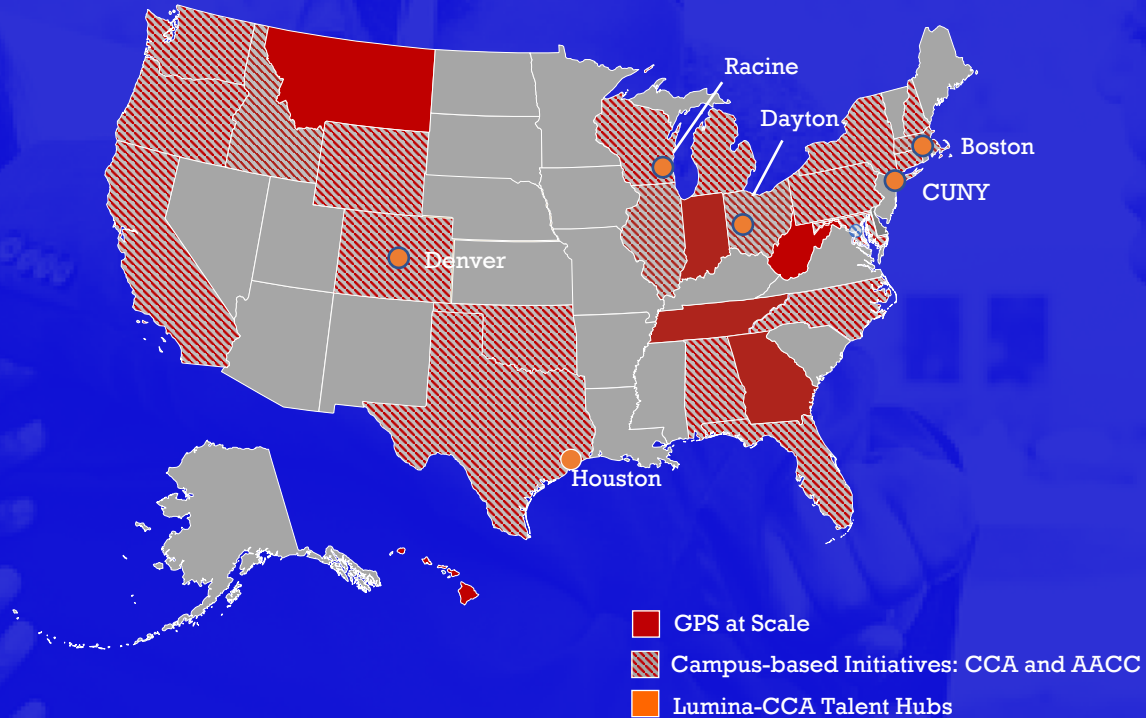
2. Momentum Degree Maps w/Critical Path Courses & Aligned Math



3. Default "One-Click" Registration



4. Proactive Advising





# The Next Challenge: Integrating the Game Changers

# Student Momentum

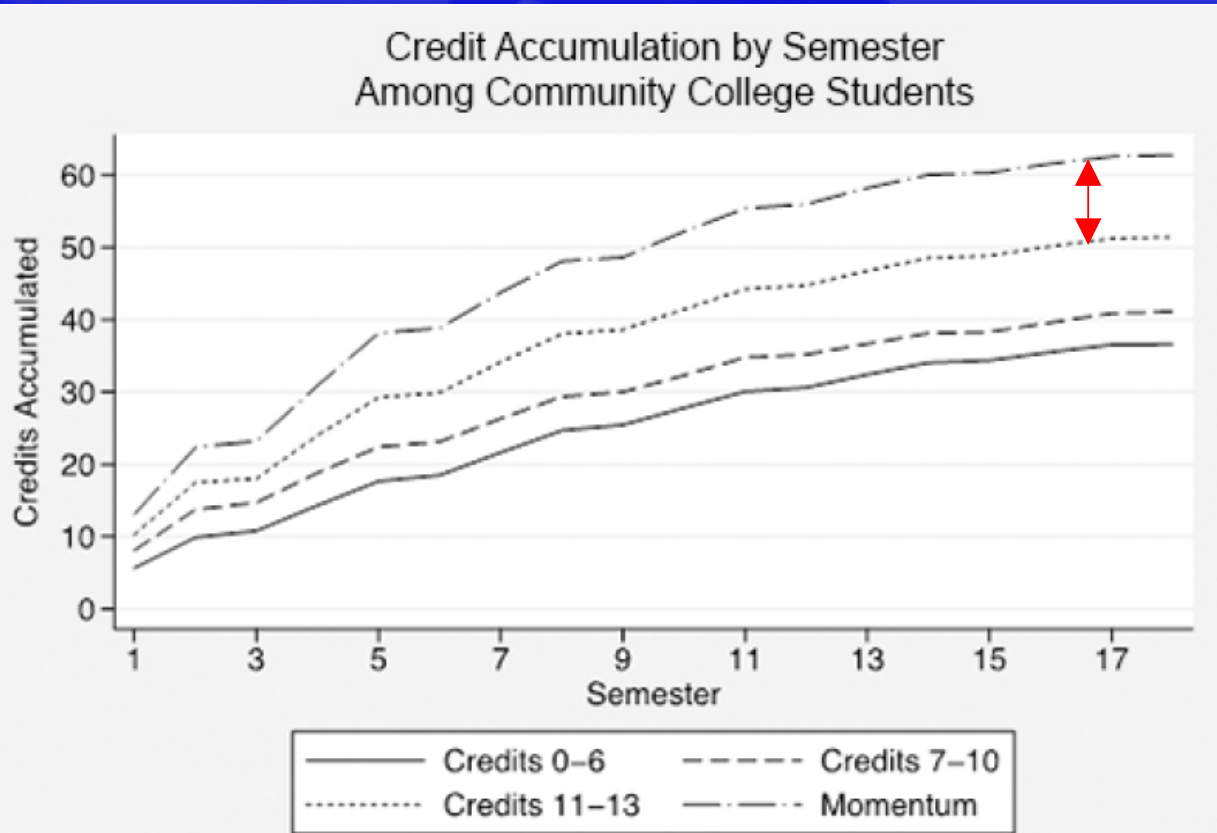
*In the first year of enrollment students who...*

- Earn 30 credits in first year
- Complete math and English gateway courses
- Enter a program of study
- Complete 9 program credits

*...are far more likely to graduate.*



# 15 credits in 1<sup>st</sup> semester Creates Student Momentum

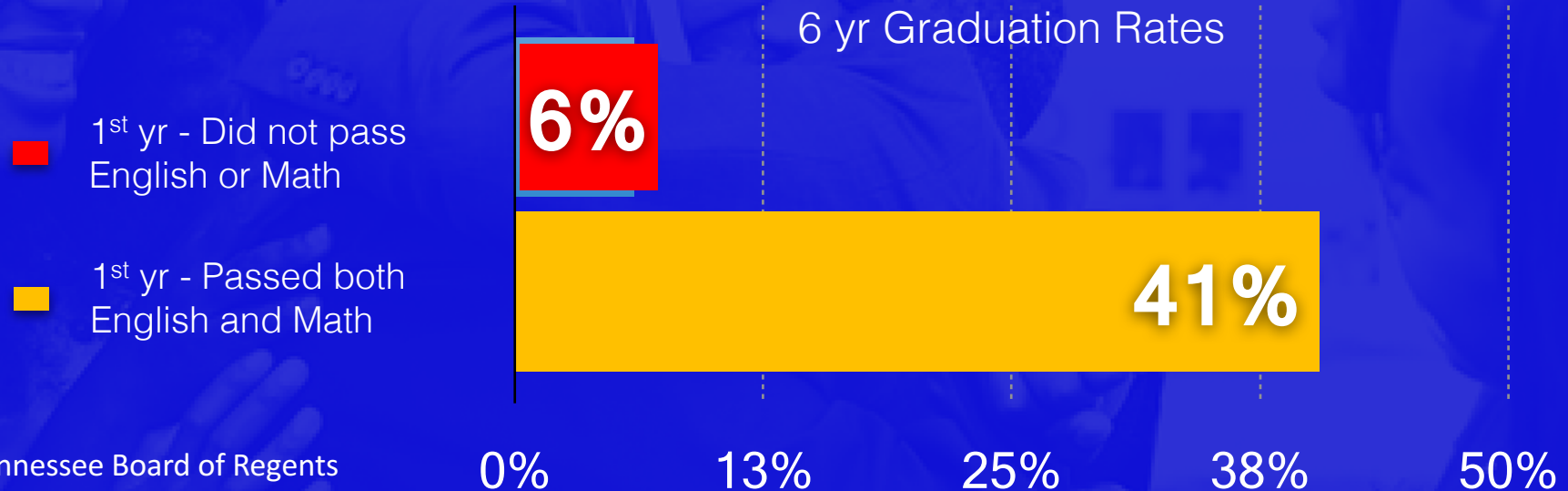


Belfield,  
Jenkins and  
Lahr, 2016

Tennessee Board of Regents data, fall 2008 cohort.

# Completion of Gateway Math and English Creates Momentum

## *Community College English and Math*



Tennessee Board of Regents  
Denley, 2016

# 9 Credits in Program First Year Creates Momentum

6 year Community College Graduation Rates

1<sup>st</sup> Year – Did Not Attempt 9  
Hours in Focus Area

16%

1<sup>st</sup> Year – Attempted 9  
Hours in Focus Area

34%

1<sup>st</sup> Year – Earned 9 Hours in  
Focus Area

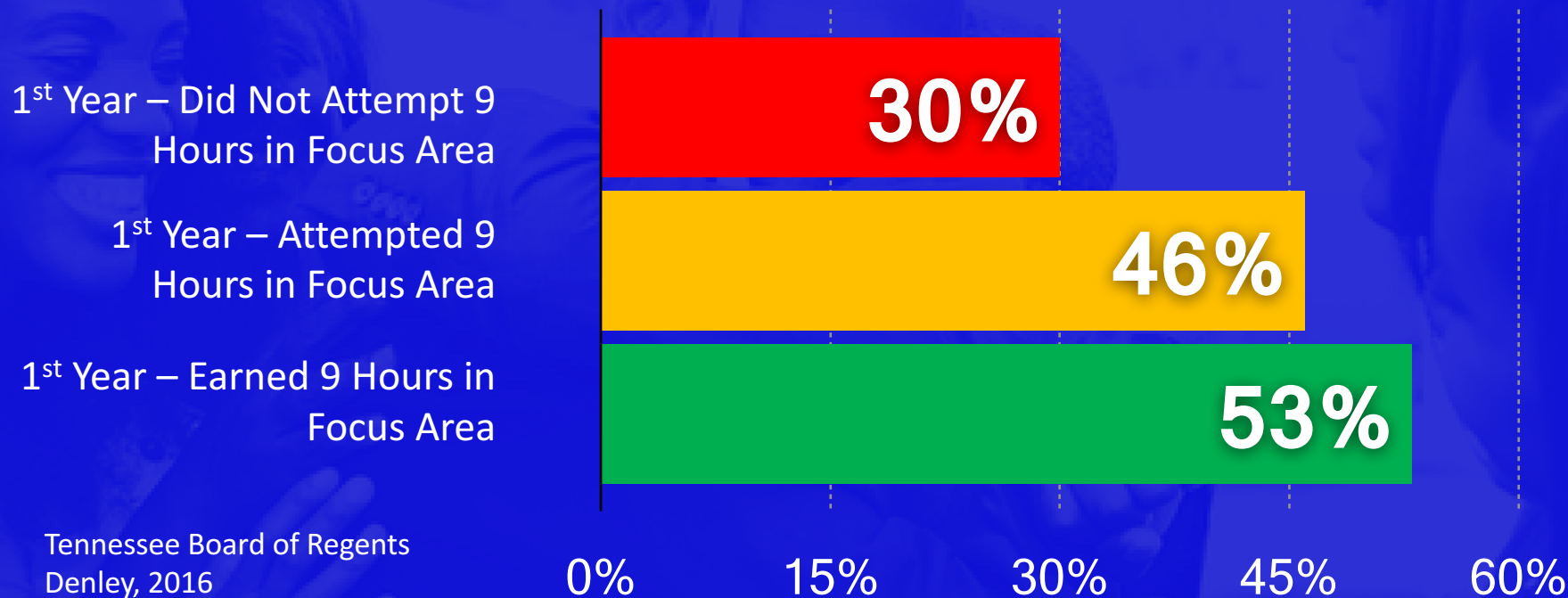
40%

Tennessee Board of Regents  
Denley, 2016

0% 10% 20% 30% 40% 50%

# 9 Credits in Program First Year Creates Momentum

6 year Community College Graduation Rates



Tennessee Board of Regents  
Denley, 2016

*Scaling the key elements of the Game Changer strategies that  
achieve student momentum in the first year*

# The Momentum Year

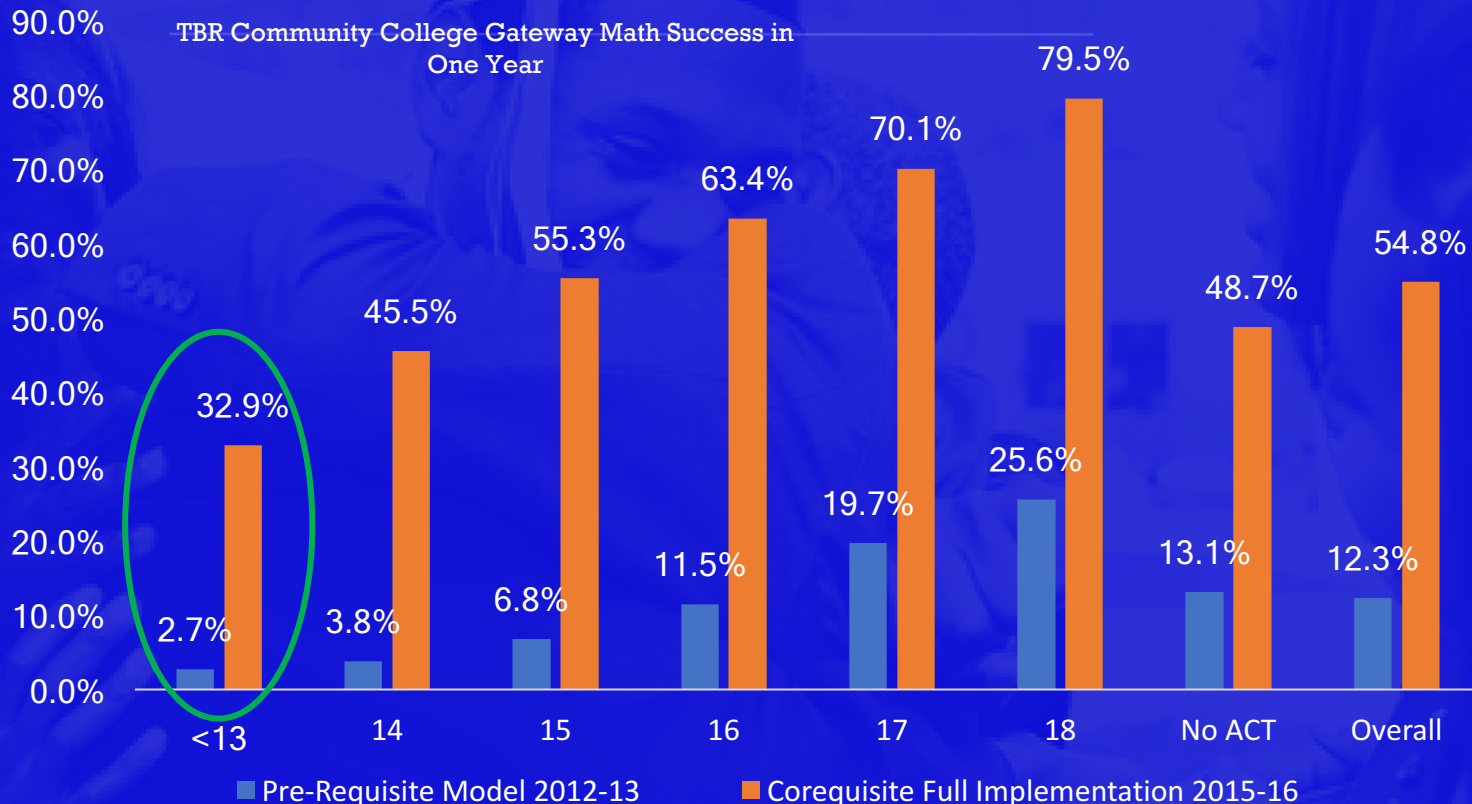
15 to Finish  
Math Pathways  
Corequisite Support  
Purpose First  
Meta-Majors





**Dr. Tristan Denley**  
**Chief Academic Officer and Executive Vice Chancellor of Academic**  
**Affairs, University System of Georgia**  
**CCA Fellow**

# Corequisites result in dramatic improvements in gateway course success.

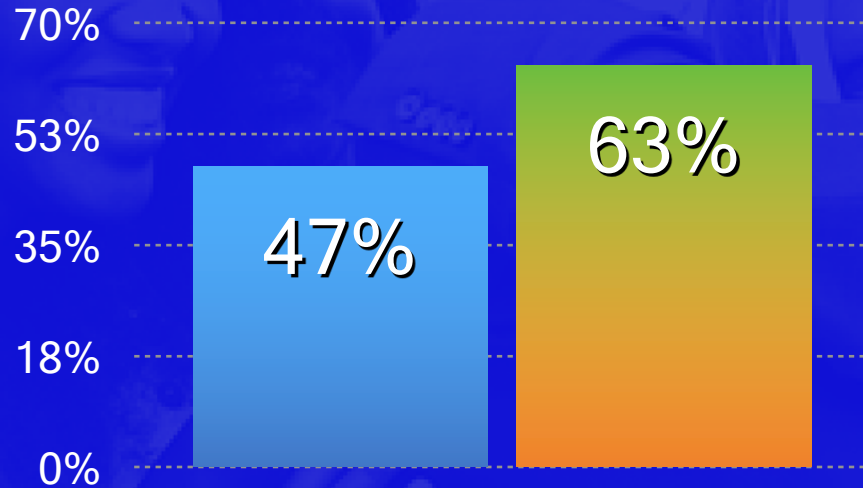


Tennessee Board of  
Regents  
Denley, 2016

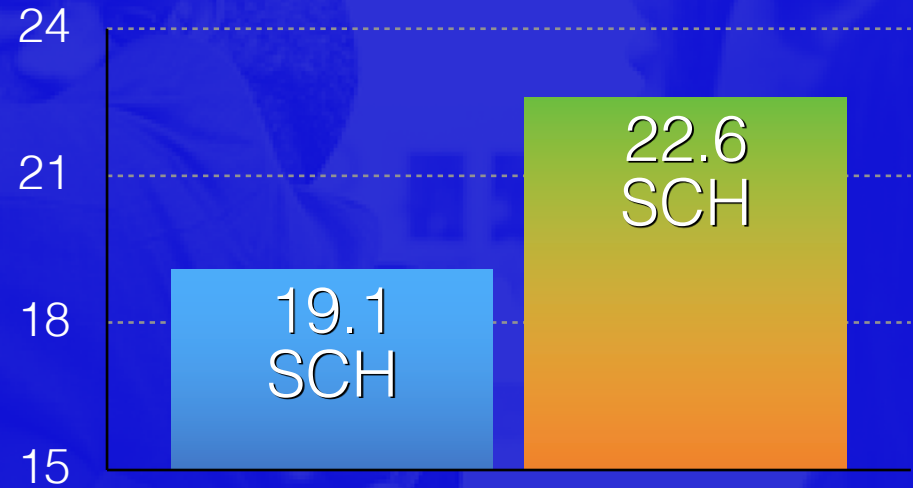


# Successful Corequisite Students Are Successful Students

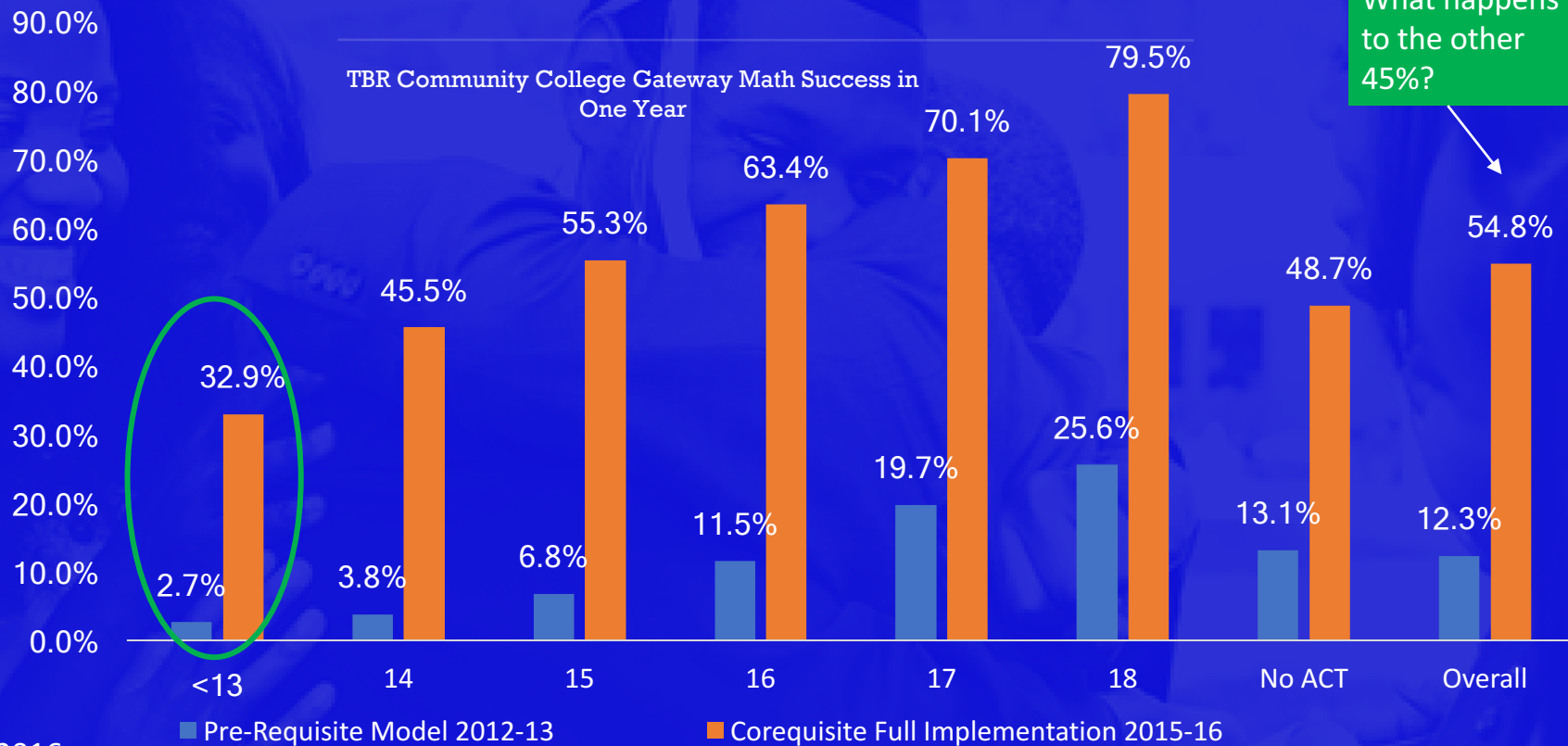
## Fall to Fall Retention



## Earned Credit Hours

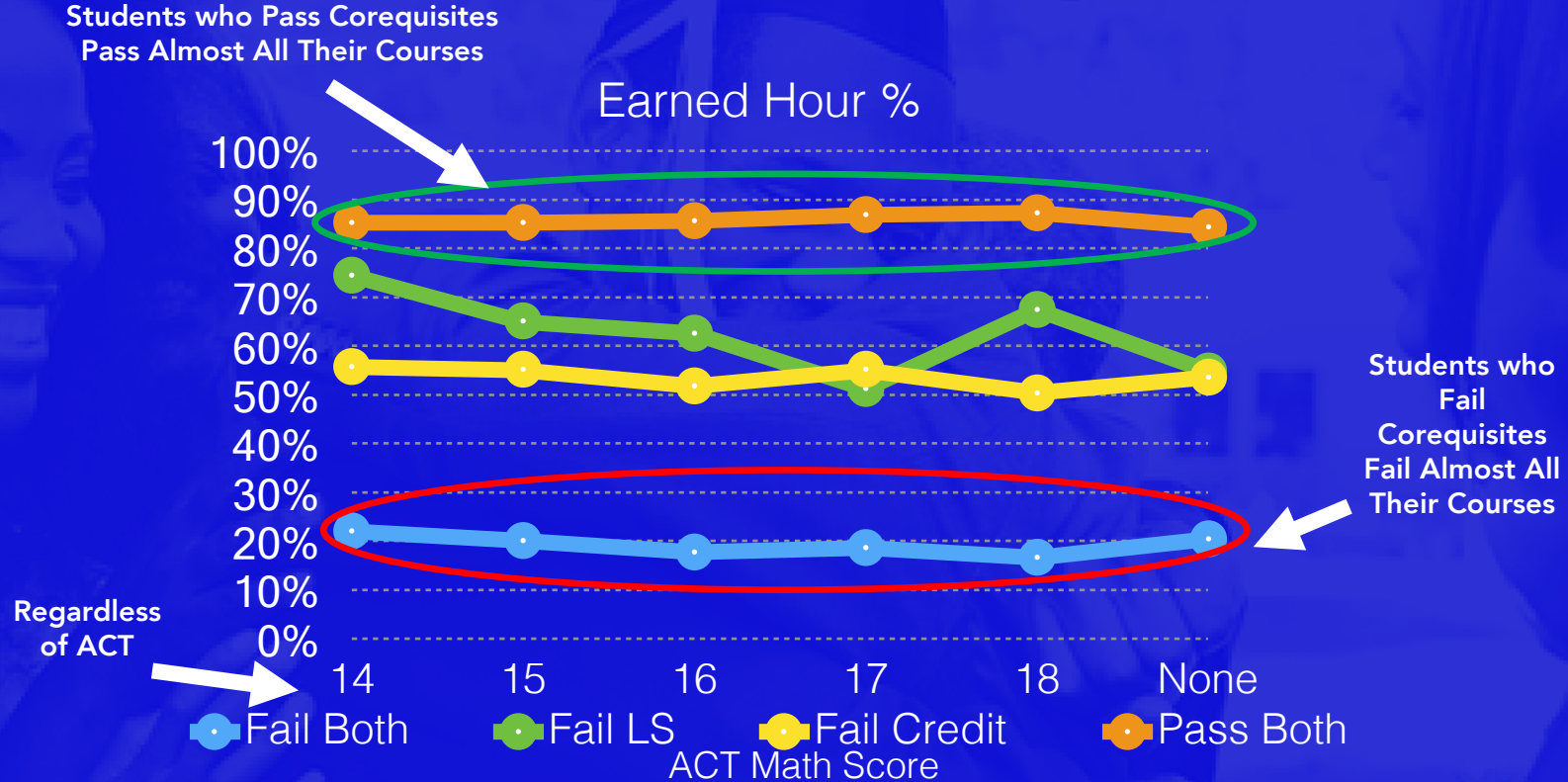


# Corequisites result in dramatic improvements in gateway course SUCCESS



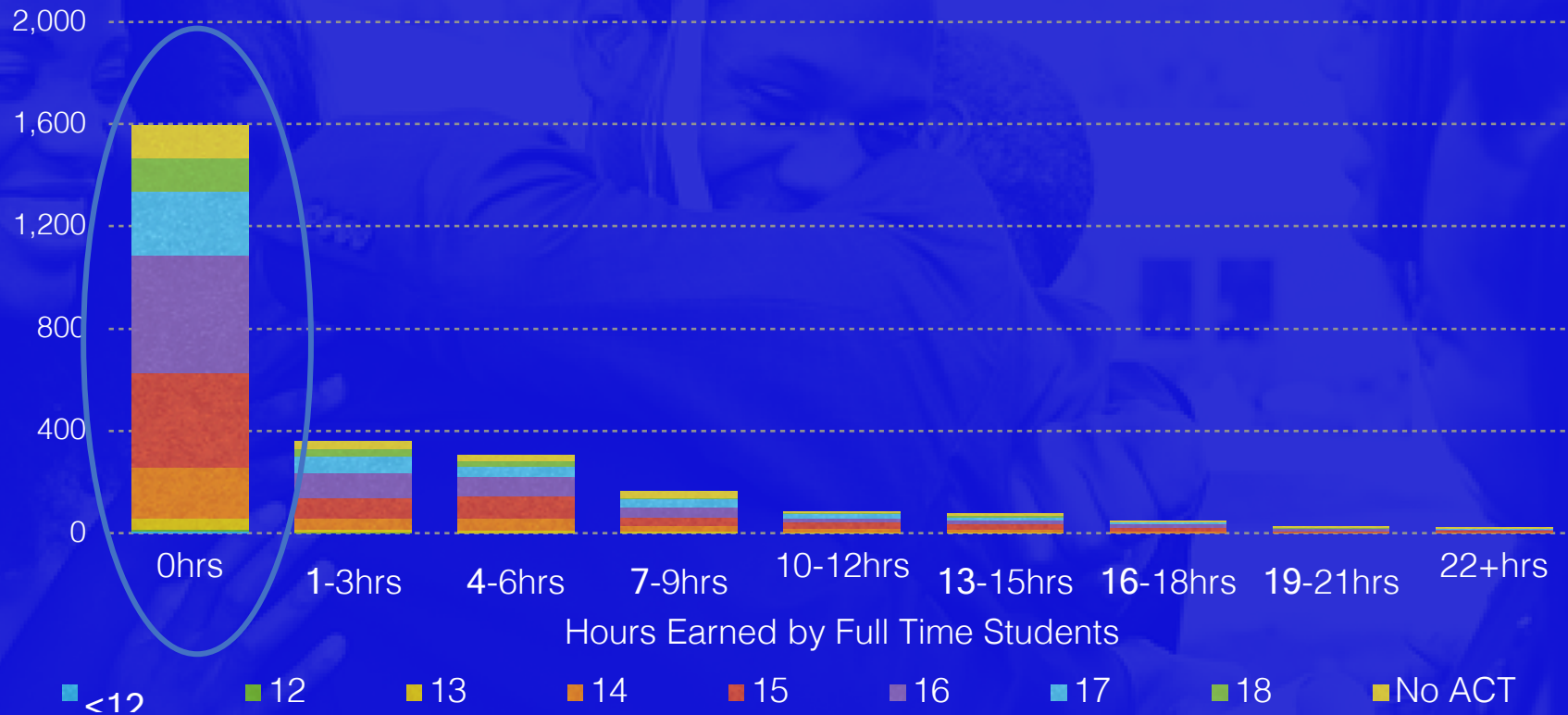
# Successful Corequisite Students – Pass Almost All Courses

## Unsuccessful Corequisite Students – Pass Very Few Courses



## Students Who Fail Corequisites and College-Level Largely Fail All Their Courses

## Earned Hours



# The Bottom Line

- Students who pass corequisites and college-level – **regardless of ACT** – pass almost all their courses
- Students who fail corequisites and college-level – **regardless of ACT** – fail almost all their courses
- The challenge is not academic readiness, but college readiness

# Academic Purpose and Mindset

*Students who have...*

- A clear academic purpose
- Understand the relevance of gateway courses
- Have a strong academic mindset

*...perform better*



# Building Academic Purpose and Mindset

Academic Purpose



Purpose  
First/Meta-Majors

Relevance



Math Pathways  
and Academic Map

Academic  
Mindset



Proactive  
Advising



# The Game Changers

15 to Finish

Math Pathways

Corequisite Support

GPS Direct

Structured Schedules

# Momentum Pathways

**ADVISORS**

15 to Finish

Momentum  
Year

Academic  
Maps with  
Proactive  
Advising

**FACULTY**

Math Pathways

Corequisite Support

# COMPLETE COLLEGE AMERICA

Develop Momentum  
Pathways Plan

Develop 15 to Finish  
Campaign

Develop Corequisite English  
Strategy

Math Pathways Task Force

## Scale 15 to Finish

### Implement Corequisite English

Measure and  
Communicate Results

Design Momentum Year  
Strategy

Complete Academic Maps

### Implement Momentum Year

### Implement Math Pathways

Scale Corequisite English

Measure and  
Communicate Results

### Scale Academic Maps/ Proactive Advising

### Achieve Full Scale

Evaluate and  
Continuously Improve

# A Comprehensive Success Strategy

**ESTABLISH THE CONDITIONS** to catalyze change

Form a Beliefs  
Compact

Create a Diverse  
Team

Set Attainment  
and Equity  
Goals

Collect and  
Disaggregate  
Data

Align Funding to  
Outcomes

**RESTRUCTURE SYSTEMS** to improve outcomes and narrow gaps

**ADVISORS**

15 to Finish

Momentum Year

Academic Maps and  
Proactive Advising

**FACULTY**

Math Pathways

Corequisite Support

**DEPLOY TARGETED INTERVENTIONS** to permanently close gaps

Monitor Impact of Game Changer  
Scaling to Drive Continuous Improvement

Adult and Underserved Student  
Strategies



**ALLIANCE COMPACT**

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**SCALING STANDARDS**

A blue-tinted image of many graduation caps (mortarboards) scattered together.

**EQUITY**

A green-tinted image featuring a line graph with several upward-trending lines, suggesting growth or progress.

**METRICS & EVIDENCE**

An orange-tinted image of a diverse group of students sitting at desks in a classroom, looking towards the front.

**POLICY**

A teal-tinted image showing a close-up of a hand holding a coin, with a faint background image of a person's face.

**COMMUNICATIONS**

A purple-tinted image of a presentation screen in a meeting room. The screen displays a list of bullet points.

**IMPLEMENTATION**

- Empower data experts to be leaders in the movement
- Give voice to the silent through data
- Support implementation at scale
- Support communication and collaboration