2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING



NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening

COMPLETE COLLEGE AMERICA

@CompleteCollege #CCAMomentum

#CCADream17

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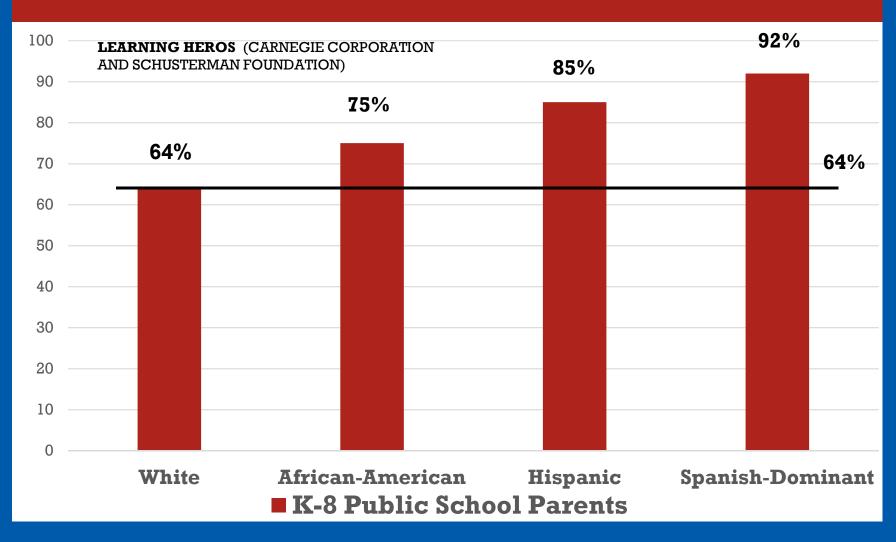
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Make sure you are in Slide Show mode

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2017 POLL: IMPORTANCE OF A CHILD GOING TO COLLEGE





2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING



NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening
Momentum Pathways for MinorityServing Institutions

COMPLETE COLLEGE AMERICA

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COMPLETE COLLEGE AMERICA

Momentum Pathways for Minority-Serving Institutions

Dhanfu E. Elston, Ph.D. (dah-nee-foo), Vice President Bruce Vandal, Ph.D., Senior Vice President



@BruceatCCA @DrElston @CompleteCollege #CCADream17 #CCAMomentum



SPEED NETWORKING

SPEED NETWORKING

Brief Introduction (Name, Institution, Role/Responsibility)

The greatest value of minority-serving institutions is ...

The completion strategy that I am most interested in exploring more is ...

FOUNDING MISSION

Working at scale
to significantly increase the number
of graduates with quality certificates
or college degrees and to
close attainment gaps for traditionally
underrepresented populations.

Our Approach

Work with states, systems and consortia to implement evidence-based strategies at scale to see double-digit gains in outcomes.

COMPLETE COLLEGE AMERICA

Philanthropic Partners

Bill and Melinda Gates Foundation
Lumina Foundation
Carnegie Corporation of New York
Dell Family Foundation
Kresge Foundation
Strada Education Network (USA Funds)
Houston Endowment

Our Network of Strategic Partners







National Career





Dana Center **Mathematics** PATHWAYS



CCRC COMMUNITY COLLEGE RESEARCH CENTER

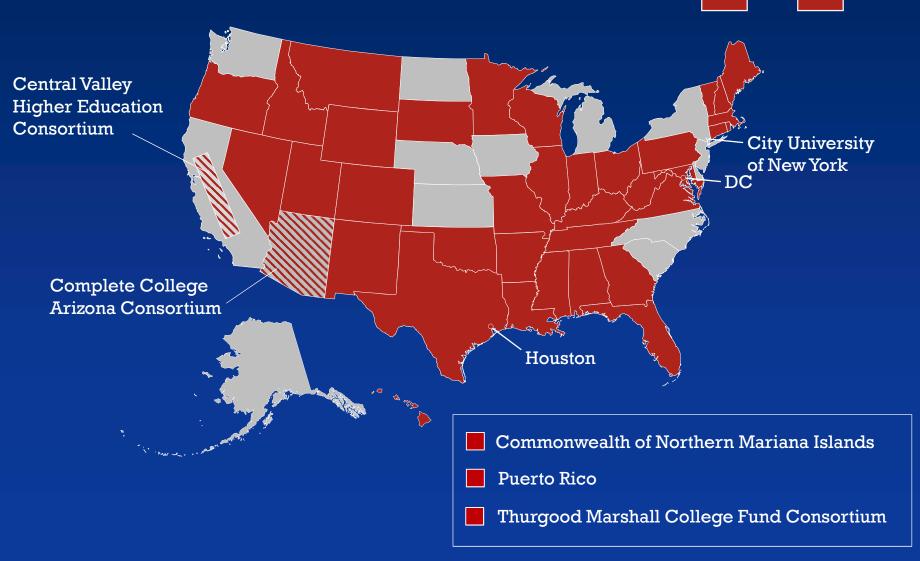


STATE HIGHER EDUCATION EXECUTIVE OFFICERS ASSOCIATION

COMPLETE COLLEGE AMERICA

The Alliance







The Complete College America Alliance

State	Year	<u>State</u>	<u>Year</u>
Arkansas	2010	Colorado	2011
Connecticut	2010	Kentucky	2011
		Maine	2011
Florida	2010	Mississippi	2011
Georgia	2010	Missouri	2011
Idaho	2010	New Mexico	2011
Indiana	2010	District of Columbia	2012
Louisiana	2010	Wisconsin	2012
Maryland	2010	Wyoming	2012
Massachusetts	2010	Montana	2013
Minnesota	2010	Commonwealth of the Northern	
Nevada	2010	Mariana Islands	2014
Oklahoma	2010	California	2015
Oregon	2010	New Hampshire	2015
Pennsylvania	2010	Puerto Rico	2015
-		Virginia	2015
South Dakota	2010	Houston	2016
Tennessee	2010	Thurgood Marshall	2016
Texas	2010	CUNY	2017
Utah	2010	Arizona	2017
		Alabama	2017

Implementation Resources

Printed Reports, Webinars and Stateof-the-Art Web Platform

Data Analysis

Printed reports customized with state or regional data

National Convenings

CCA-sponsored travel & registration



\$35,000 value per year

Special Scale Projects

Highly-Structured Implementation Process, significant technical assistance

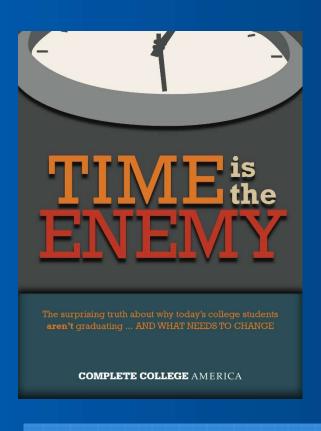
+\$500,000 value

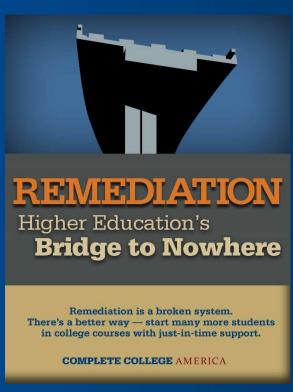
On-Demand Consulting

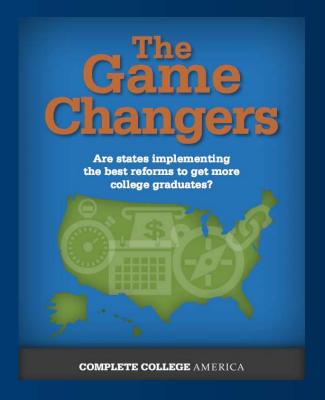
Equity, Policy, Communications, Implementation, Data

In-State Deployment

of Content Experts, Technical Assistance







COMPLETE COLLEGE AMERICA

Corequisite Remediation: Spanning the Completion Divide

Breakthrough Results Fulfilling The Promise of College Access for Underprepared Students



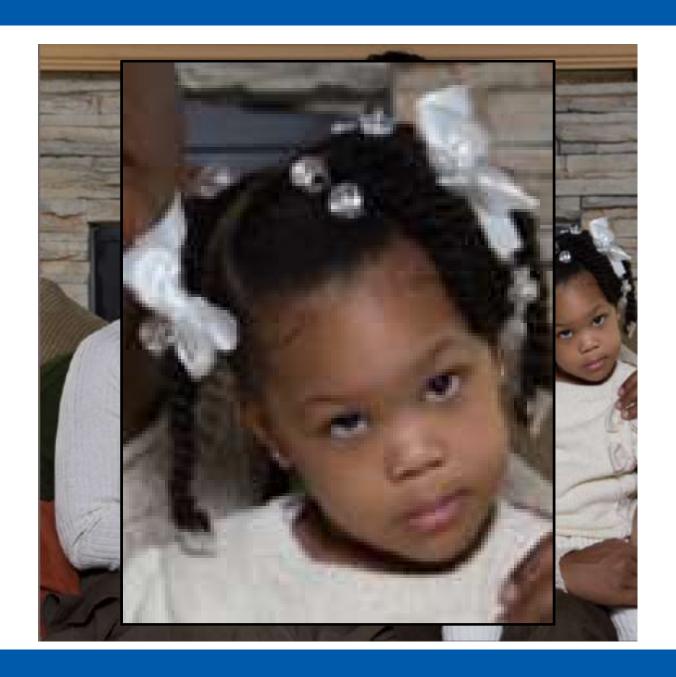










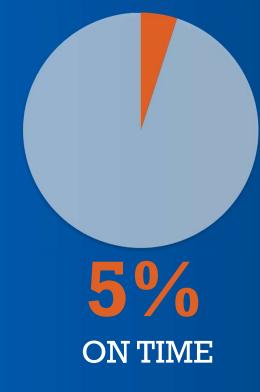


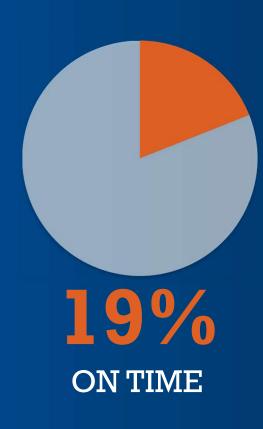
On-Time Graduation Rates

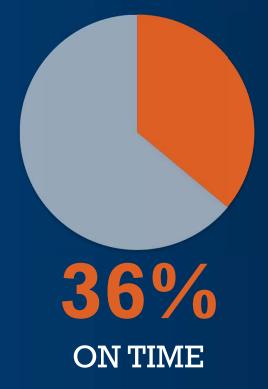
(Full-Time Students)

2-Year Associate 4-Year
Bachelor's
(non-flagship)

4-Year
Bachelor's
(flagship/
very high research)





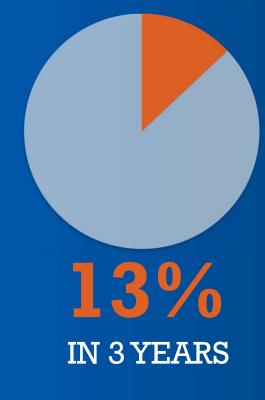


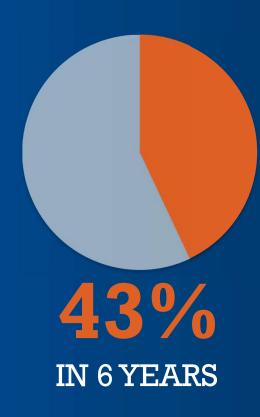
150% Graduation Rates

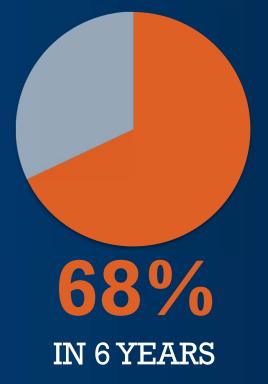
(Full-Time Students)

2-Year Associate 4-Year
Bachelor's
(non-flagship)

4-Year
Bachelor's
(flagship/
very high research)



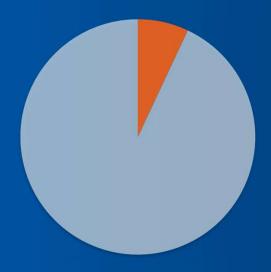




200% Graduation Rate

(Part-Time Students)

2-Year Associate



IN 4 YEARS



Time to Degree

(Full-Time Students)

2-Year Associate 4-Year
Bachelor's
(non-flagship)

4-Year
Bachelor's
(flagship/
very high research)

3.6

4.9

4.4

2 Years Standard 4 Years
Standard

4 Years
Standard

Excess Credits

(Full-Time Students)

2-Year Associate

4-Year Bachelor's (non-flagship)

4-Year Bachelor's (flagship/ very high research)

80.9

133.5

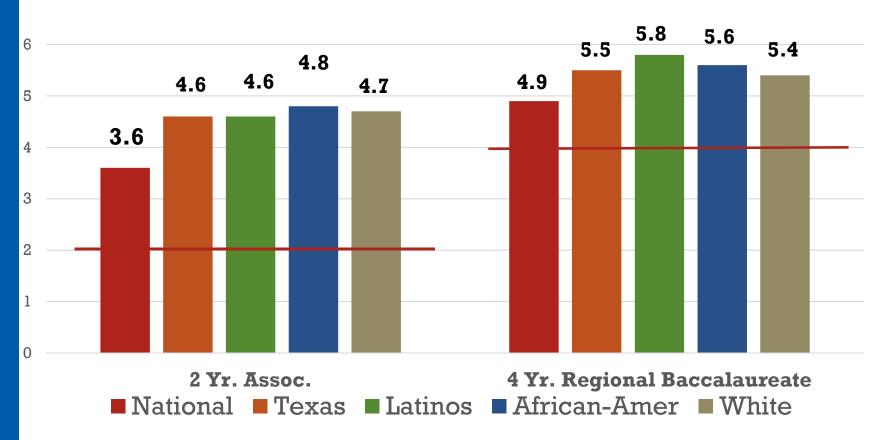
134.6

60 Credits Standard

120 Credits Standard

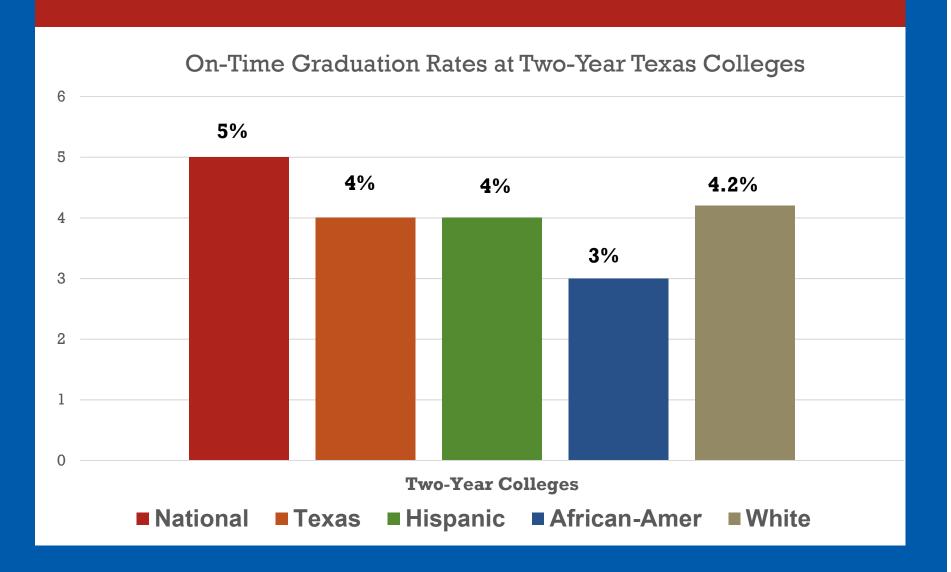
120 Credits Standard



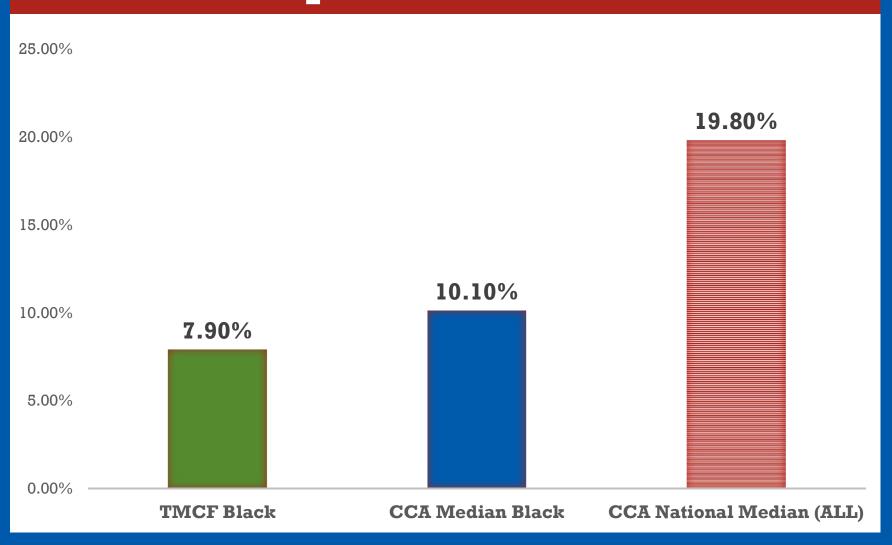


Source: CCA Data Collection, 2012-2013 cohort

On-Time Graduation Rates: Texas



On-Time Graduation Rates *** Sample Public HBCUs ***





COMPLETE COLLEGE AMERICA

CCA Scaling Standards







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1.#15ToFinish



2. GPS Direct



3. Corequisite Support



4. Math Pathways



5. Returning Adult Strategy

The BIG Issues



- Uninformed major decisions
- Taking too much time



- Inability to access required courses
- Difficulty with registration



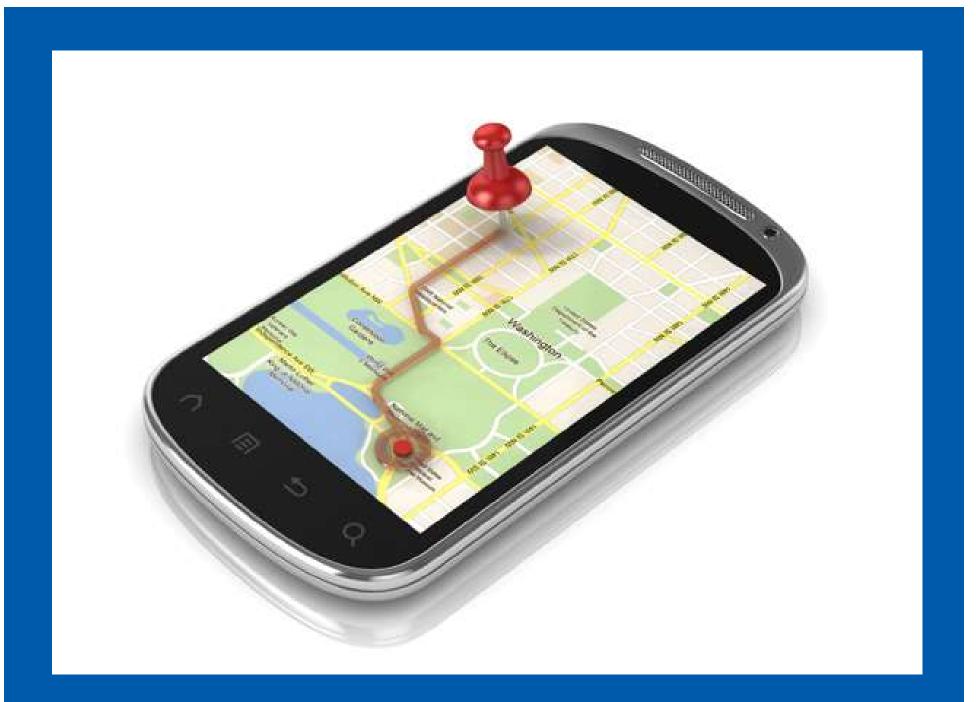
- Excess credits
- Not enough guardrails to prevent poor choices



- Spending too much money
- Not graduating

GPS Direct

#GPSDirect



GPS Direct



COMPLETE COLLEGE AMERICA

MOMENTUM PATHWAY

Establish the Conditions for Change Set Attainment Collect and **Align Funding** Form a Beliefs Create and Equity Goals Disaggregate Metrics **Diverse Team** to Outcomes Compact Restructure Systems to Improve Outcomes and Narrow Gaps Academic Maps with Momentum Advisors 15 to Finish **Proactive Advising** Year Faculty **Math Pathways Corequisite Support** Deploy Targeted Interventions to Permanently Close Gaps **Monitor Game Changer Scaling Efforts** Strategies for Adult and to Drive Continuous Improvement **Underserved Populations**

GPS Direct/Momentum: 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

How Are Students Choosing Majors? #PurposeFirst





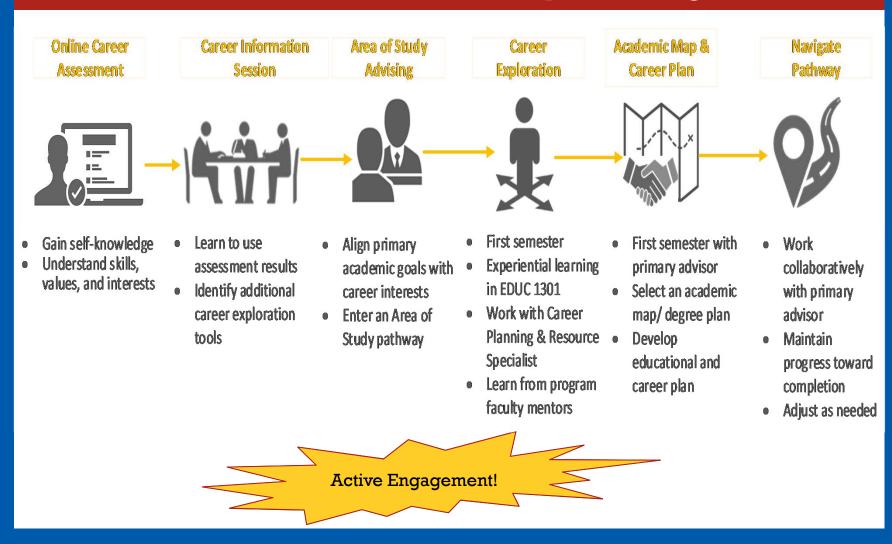


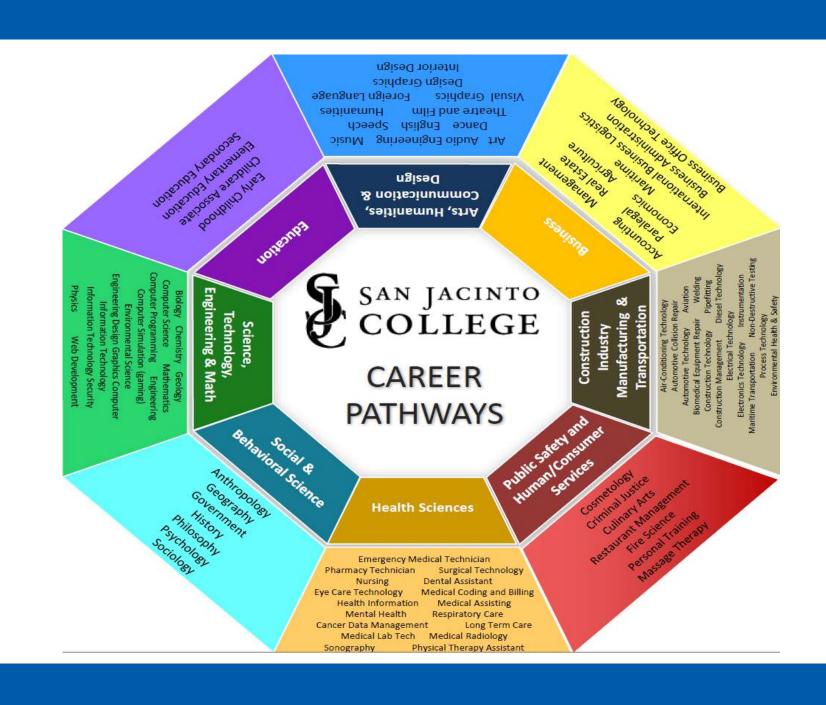


36% would choose a different major

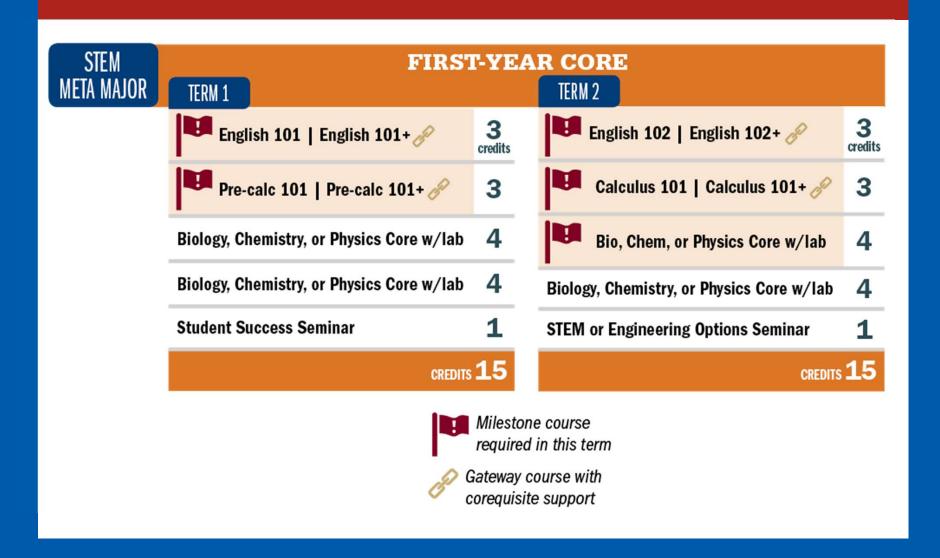
Assist students in identifying a sense of career purpose prior to making their "BIG" major decision

Choose Your Path Houston Community College





Default Degree Maps



STUDENT MOMENTUM

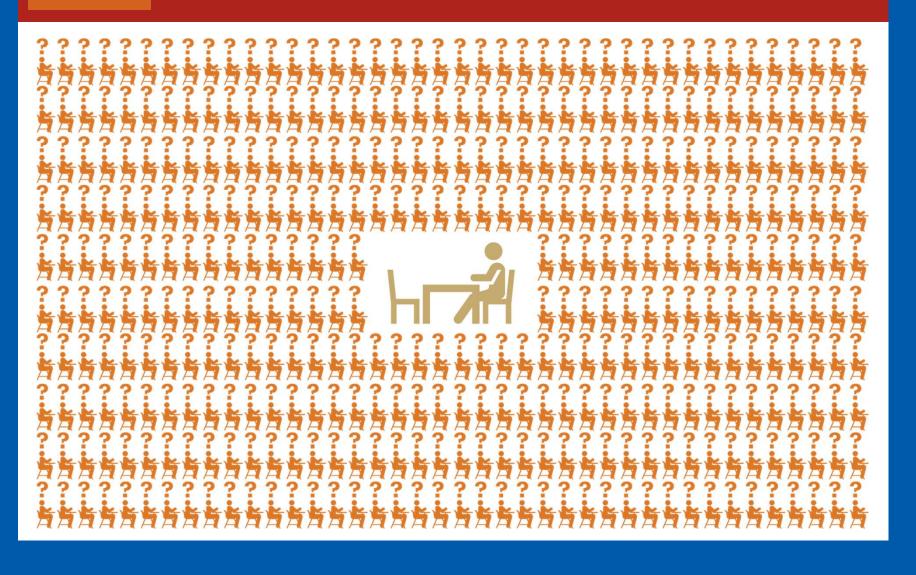
In the first year of enrollment students who...

- Enter a Program of Study
- Complete Math and English Gateway Courses
- Complete 9 Program Credits
- Earn 30 Credits

...are far more likely to gradudate.

Why GPS?

l counselor: 400 students









ADVISING IS TEACHING



Technology Seal of Approval

Year #1 – 2016

- Default students onto their chosen degree map
- Easy integration of the registration process and software
- Mechanisms for ongoing monitoring and reporting for when students get off track.

Year #2 - 2017

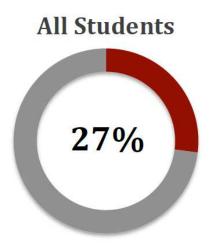
- Proactive Advising
- -Informed Choice of Major

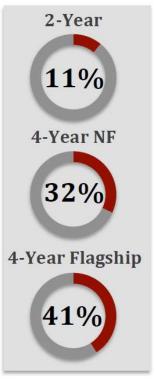
15 to Finish

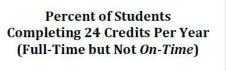
#15ToFinish

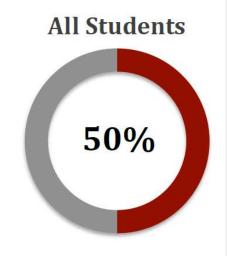
Half of American college students need just one more course per semester to be on track for on-time graduation.

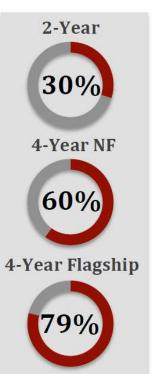
Percent of Students Completing 30 Credits Per Year (On-Time Students)

















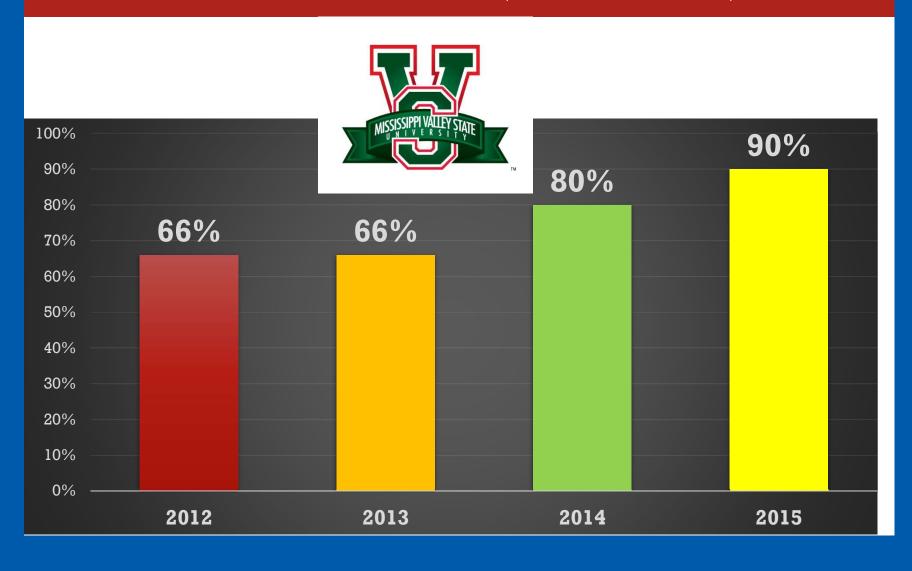
ŤHINK

Finish in





% First-Time, Full-Time Students Enrolled in 15+ Credit Hours (1st semester)



Math Pathways

#MathPathways



Math Is Aligned to Majors

Meta-Major

Gateway Math

Humanities Arts

Quantitative Reasoning

Social Sciences Health Sciences Business

Statistics/Modeling

Technical Certificate
Programs

Technical Math

Engineering Hard Sciences

College Algebra/Pre-Calc/Calculus

Students have quantitative skills that are

- ✓ **Relevant** to their Career
- ✓ Necessary in a Data-Driven Society

Corequisite Support

#CoreqWorks

Remediation



Student attrition is at the heart of the matter...

Remediation: The effect of attrition.

Students assigned 3 or more semesters of math remediation.

LOST

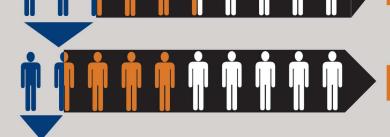
Completed 2nd semester of remediation.

Completed 1st semester

of remediation.

Completed 3rd semester of remediation.

Passed gateway course.



LOST

LOST

LOST

Enrolled and completed

Did not complete

Did not enroll or stopped enrolling

KNOW THIS

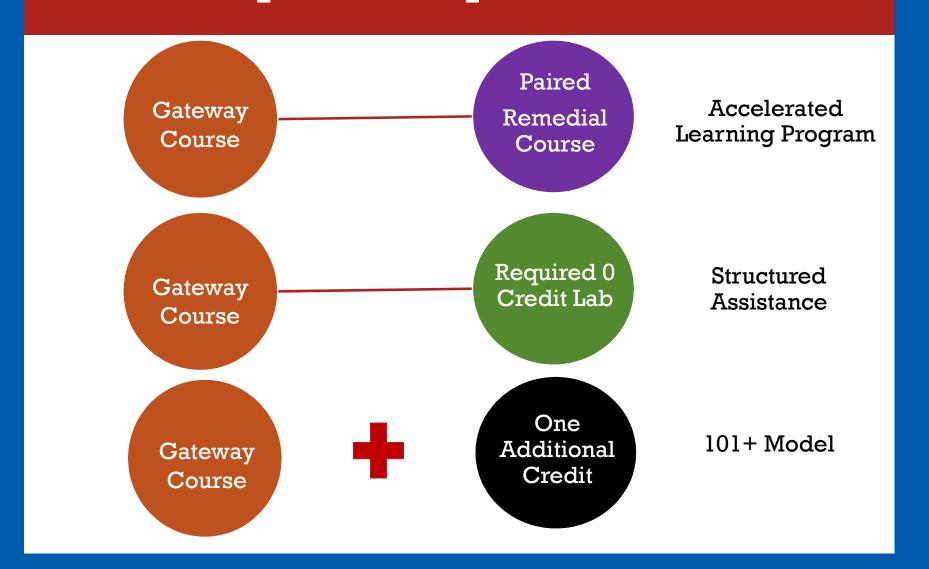
The remediation system is broken. More students quit than fail.

Source: Hughes, K., Edgecombe, N., & Snell, M. (2011). "Developmental Education: Why and How We Must Reform It." New York: Columbia University, Teachers College, Community College Research Center. Presentation given at the 2011 League for Innovation in the Community College Annual Conference.

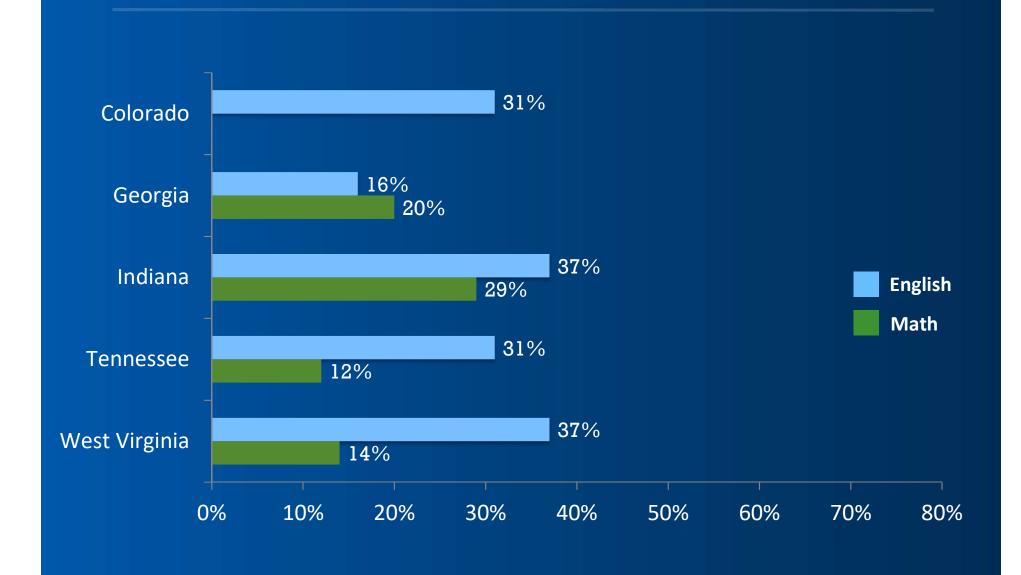
Remediation: The effect of attrition. Students assigned 3 or more semesters of math remediation. **Completed 1st semester** LOST of remediation. Completed 2nd semester LOST of remediation. Completed 3rd semester LOST of remediation. LOST Passed gateway course. **Enrolled** and Did not Did not enroll or completed complete stopped enrolling The remediation system is broken. More students quit than fail.

Source: Hughes, K., Edgecombe, N., & Snell, M. (2011). "Developmental Education: Why and How We Must Reform It." New York: Columbia University, Teachers College, Community College Research Center. Presentation given at the 2011 League for Innovation in the Community College Annual Conference.

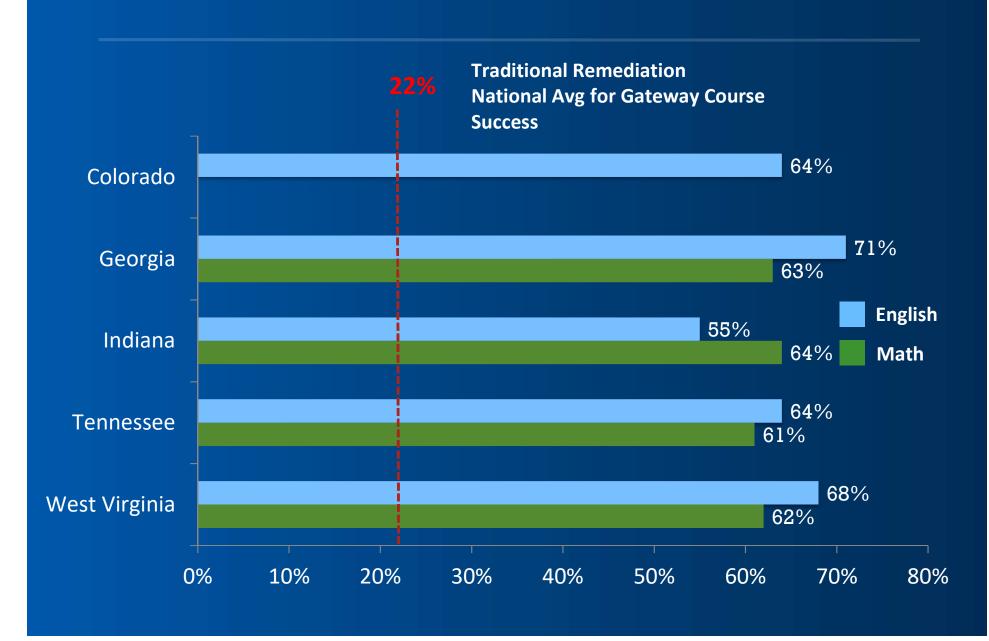
Multiple Corequisite Models



Traditional Remediation Results



One Semester Scaled Results



Why Math Pathways and Corequisite Support Matters to Momentum Pathway

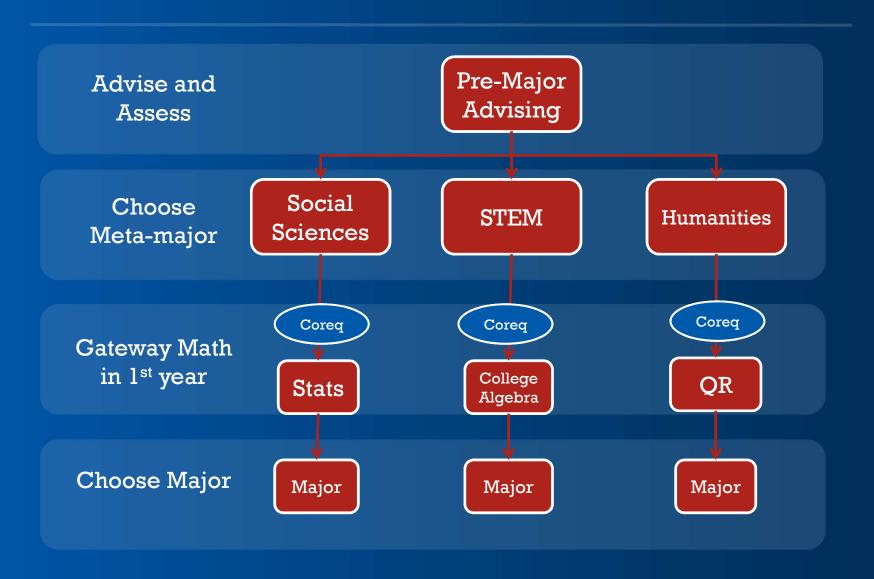
Math Pathways:

- Students can enroll in gateway math courses aligned to their program of study
- College Algebra can be a clear path to a STEM degree
- Ensure transfer of courses to all colleges

Corequisite Support:

- Ensure all students can complete gateway math and English in their first year.
- All students can start on a Momentum Pathway on Day
 One

A Model Pathway



Returning Adults

Today's Students

- 70% are non-traditional.
- **70% commute** to campus.
- 40% work 30 hours a week.
- 25% work full time and attend college full time.
- 20% have children.



The Bottom Line:

The country doesn't meet attainment goals without better attracting and serving non-traditional students

The Challenge:

Crafting a workable, efficient path to graduation

Game Changer for Returning Adults



Redesigned Schedule



Dedicated Coach



Credit for Competency



Proactive Reengagement

Baltimore City Community College

Monday	Tuesday	Wednesday	Thursday	Friday
		MORNING BLOCK		
8:00AM - 8:50AM	Structured Learning	8:00AM - 8:50AM	Structured Learning	8:00AM – 8:50AM
MUS 103 - #8765	Activities	MUS 103 - #8765	Activities	MUS 103 - #8765
9:00AM - 9:50AM		9:00AM - 9:50AM		9:00AM – 9:50AM
MAT107 - #8766		MAT107 - #8766		MAT107 - #8766
10:00AM - 10:50AM		10:00AM - 10:50AM		10:00AM – 10:50AM
SP 101 - #8767		SP 101 - #8767		SP 101 - #8767
11:00 AM - 11:50AM	11:00 AM – 12:10PM	11:00 AM - 11:50AM	11:00 AM - 12:10PM	11:00 AM – 11:50AM
ENG101 - #8768	RENG 92 - #8769	ENG101 - #8768	RENG 92 - #8769	ENG101 - #8768
12:00PM - 12:50PM		12:00PM - 12:50PM		12:00PM – 12:50PM
COLLEGE FREE HOUR		COLLEGE FREE HOUR		COLLEGE FREE HOUR

		AFTERNOON BLOCK		
1:00PM - 1:50PM	1:00 AM - 2:10PM	1:00PM - 1:50PM	1:00 AM - 2:10PM	1:00PM - 1:50PM
ART 106 - #8771	MAT 92 -	ART 106 - #8771	MAT 92 -	ART 106 - #8771
2:00PM - 2:50PM		2:00PM - 2:50PM		2:00PM - 2:50PM
SP 101 - #8772		SP 101 - #8772		SP 101 - #8772
3:00 PM - 3:50PM	Structured Learning	3:00 PM - 3:50PM	Structured Learning	3:00 PM - 3:50PM
ENG 101 - #8773	Activities	ENG 101 - #8773	Activities	ENG 101 - #8773
4:00PM - 4:50PM		4:00PM - 4:50PM		4:00PM – 4:50PM
MAT 107 - #8774		MAT 107 - #8774		MAT 107 - #8774
E-OODMA E-EODMA		E.OODM E.EODM		E.OODM E.EODM

GPS DIRECT: MOMENTUM

- Meta-Majors
- Academic Maps
- Math Pathways
- 15-To-Finish

- Structured Schedules
- Corequisite Support
- Default Registration

Create Path

Choose Path

Start Path

Stay On Path / Graduate

- Purpose First (Onboarding)
- Meta-Majors
- 15-To-Finish

- Critical PathCourses
- Proactive Advising

TECHNOLOGY | DATA METRICS

HOUSTON GPS



COMPLETE COLLEGE AMERICA















Houston GPS Components

Aligned Mathematics

Meta-Majors

Default Degree Plans

Seamless Transfer

Co-Requisite Remediation

Proactive Advising

Informed Choice

Structured Schedules

Technology



We believe...



MOMENTUM PATHWAY

Establish the Conditions for Change Set Attainment Collect and **Align Funding** Form a Beliefs Create and Equity Goals Disaggregate Metrics **Diverse Team** to Outcomes Compact Restructure Systems to Improve Outcomes and Narrow Gaps Academic Maps with Momentum Advisors 15 to Finish **Proactive Advising** Year Faculty **Math Pathways Corequisite Support** Deploy Targeted Interventions to Permanently Close Gaps **Monitor Game Changer Scaling Efforts** Strategies for Adult and to Drive Continuous Improvement **Underserved Populations**





National Momentum NIONALES

2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING

ACCESS TO THE

NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening Success Stories

COMPLETE COLLEGE AMERICA

@CompleteCollege #CCAMomentum

#CCADream17

CCA Strategies—Success Stories

- Trent Ball, Assistant Vice President for Academic Diversity & Outreach at Southeast Missouri State University
- Renardo Hall, Assistant Vice President/ Dean in University College at Mississippi Valley State University
- Christopher Juarez, Professor and Department Chair of Statistics and Mathematics at Community College of Aurora

- Southeast Missouri State University (Southeast)
 - regional 4-year public institution (Cape Girardeau)
 - only 4-year institution in southeast Missouri
- The Academic Support Centers
 - enhance the academic achievement and educational attainment of all Southeast students from pre-college to undergraduate and graduate studies
 - include targeted services for underrepresented populations and academically at-risk students:
 - Educational Access Programs
 - Learning Assistance Programs
 - Outreach and Retention Services
 - TRIO/McNair Scholars Program
 - TRIO/Student Support Services



- Complete College America Missouri Institute (2013)
- AQIP Retention Project (2013)
- Increased Coordination from Pre-College to College (2013)
- Math and English Revision Co-requisite Model (2014)
- First Generation/Targeted Support Initiative (2014)
 - BCSSE (Beginning College Survey of Student Engagement)
- Guided Pathways: Academic/Degree Maps, Proactive Advising,
 Collaborative Referral Systems (2014)
- ASC: College Access Partnerships Awards (CAP-A) and Scholarship Clinics (2015)
- MO Senate Bill 997 (2016)
- Degrees with Less Debt: Effective Higher Education Strategies for Underrepresented Populations (2017)

STATE UNIVERSITY · 1873

- AQIP Retention Project: Goal, FTFT Retention at/above 75%
 - fall 2013 (72.6%)
 - fall 2017 (75.2%)
 - New Goal: 80%
- Retention Rate of FG/TS group continues to increase:
 - fall 2014: 62%
 - fall 2017: 67%
- Increased use of Tutorial Services & Supplemental Instruction (targeted referrals)
 - Tutorial Services
 - fall 2014: 849 to fall 2017 (estimated 1300) individual appointments
 - Supplemental Instruction
 - fall 2014: 1664 to fall 2017 (estimated 1900) individuals attending group sessions

SOUTHEAST MISSOURI STATE UNIVERSITY 1873

- Academic/Degree Maps, Proactive Advising and Collaborative Referrals
 - Improved Retention Rates
 - Increased Utilization of Advising and Academic Assistance
 - Increase in graduation rates
- MO Legislature: Senate Bill 997
 - The 15 to Finish Act (12/1/2017 report due)
 - The Guided Pathways to Success Act (1/1/2020 report due)
- Degrees with Less Debt: Effective Higher Education Strategies for Underrepresented Student Populations: final report pp. 31-33 (Game Changers)
- Council for Opportunity in Education: TRIO and College Access and Success Professionals are incorporating the Game Changers and Complete College America Strategies (and research) into Federal and State Grant Proposals

SOUTHEAST MISSOURI STATE UNIVERSITY · 1873

- MISSISSIPPI VALLEY STATE UNIVERSITY
 Founded in 1950
- Dr. James White, Founder and 1st President
- Dr. Jerryl Briggs, 8th President, Oct 2017 Present
- Dr. Constance Bland, Vice President of Academic Affairs
- Dean Renardo A. Hall University College



Mississippi Valley State University is driven by its commitment to excellence in teaching, learning, service, and research—a commitment resulting in a learner—centered environment that prepares critical thinkers, exceptional communicators, and service—oriented, engaged, and productive citizens. MVSU is fundamentally committed to positively impacting the quality of life and creating extraordinary educational opportunities for the Mississippi Delta and beyond.



	dergradu		-10 LTDC	12 HRS	12 UDS	14 HPS	15 HRS	>15 HRS	Total	15 or More	Year	Tenn	Institution	<12 HRS					
Year		Institution		633	279	146	293	622	2,210	915	2010	Fall	MVSU	10.7%	28.6%	12.6%	6.6%	13.3%	2
2010		MV\$U	237		211	84	269	485	2,107	754	2011	Spring	MVSU	20.6%	29.6%	10.0%	4.0%	12.8%	2
2011	Spring		435	623	203	103	238	605	2,090	843	2011	Fall	MVSU	18.2%	26.8%	9.7%	4.9%	11.4%	2
2011		MVSU	381	560		94	241	534	1,963	775	2012	Spring	MVSU .	13.2%	32.7%	9.8%	4.8%	12.3%	2
2012	-	MVSU	260	642	192 172	134	300	666	2,168	966	2012	Fall	MVSU	15.8%	25.6%	7.9%	6.2%	13.8%	3
2013		MVSU	342	554	153	66	264	495	1,853	759	2013	Spring	MVSU	21.6%	25.6%	8,3%	3.6%	14.2%	2
2013	Spring		401	474		100	335	591	1,928	926		Fall	MVSU	17.0%	21.2%	8.6%	5.2%	17.4%	3
2013		MVSU	328	409	165 119	75	288	516	1,819	804	2014	Spring	MVSU	19,6%	25.5%	6.5%	4.1%	15.8%	2
2014		MVSU	357	464		77	398	640	1.887	1,038		Fall	MVSU	12.5%	22.4%	6.0%	4.1%	21.1%	3
2014		MVSU	236	422	114	68	349	524	1,790	873	2015	Spring	MVSU	15.0%	26.2%	6.2%	3.8%	19.5%	2
2015		MVSU	269	469	111 87	64	475	630	1,948	1,105	2015	Fall	MVSU	12.5%	23.0%	4.5%	3.3%	24.4%	3
2015	Fall	MVSU	243	449	8/	04	475	054	2,7 10						-1 A	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		/*2	
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2011	Fall	MVSU	37	75	22	9	32	37	212	69		1 Fall	MSU	17.5%	43.9%		6.3%	19.5%	1
2012	Fall	MVSU	19	97	7	14	43	41	221	84		2 Fall	MSU	8.6%	32.0%			17.1%	100
2012	Fall	MVSU	22	58	20	12	31	38	181	69		3 Fall	MSU	12.2%			5.4%	33.0%	2
2013	Fail	MVSU	14	49	10	11	67	52	203	119		4 Fall	MSU	6.9%	24.1%		3.1%	33.5%	
2014	t enn	111.00					6.4	40	161	102	20	5 Fall	MSU	3.1%	28.0%	2.5%	3.1%	33.374	2

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			381	560	203	103	238	605	2,090	843	2011	Fall	MVSU	18.2%	26.8%	9.7%	4.9%	11.4%	4
2011		MVSU	170700	4.00		94	241	534	1,963	775	2012	Spring	MVSU .	13,2%	32.7%	9.8%	4.8%	12.3%	2
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2013	Spring	MVSU	401	474	153	66	264	495	1,853	759		, .		17.0%	21.2%	8.6%	5.2%	17.4%	3
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	20200		357	464	119	75	288	516	1,819	804	2014	Spring	MVSU	19,6%	25,5%	6,5%	4.1%	15.8%	4
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2014	Fall	MVSU	236	422	114	10000	100000000	5796.50	,	873	2015	Spring	MVSU	15,0%	26.2%	6.2%	3.8%	19.5%	2
2015	Spring	MVSU	269	469	111	68	349	524	1,790			Fall	MVSU	12.5%	23.0%	4,5%	3.3%	24.4%	3
2015		MVSII	243	449	87	64	475	630	1,948	1,105	2013	1.4II	MIYOU	14.074					

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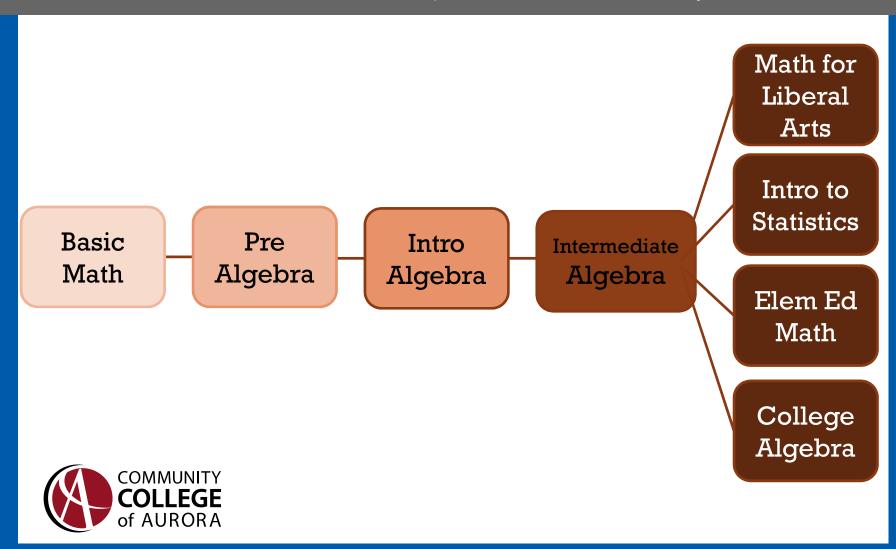
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Year	Term	Institution	<12 HRS	12 HRS	13 HRS	14 HRS	15 HRS	>15 HRS	Total	uner specie				1.3%	4.7%	20.7%	14.5%	7.0%	5
2010	Fall	MVSU	5	18	80	56	27	201	387	228	2010	l'all	MVSU	7000			0.00000		
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2011	Fall	MV\$U	28	13	150	(50)			392	261	2012	Fall	MVSU	0.8%	9.7%	9.7%	13.3%	12.2%	5
2012	Fall	MV\$U	3	38	38	52	48	213			2013	Fall	MVSU	6.9%	7.9%	11.8%	7.1%	21.5%	4
2013	Fall	MVSU	34	39	58	35	106	221	493	327	,,,,,			100001	5.8%	5.5%	5.8%	28.1%	5
	Fall	MVSU	13	23	22	23	112	206	399	318	2014	Fall	MVSU	3.3%					,
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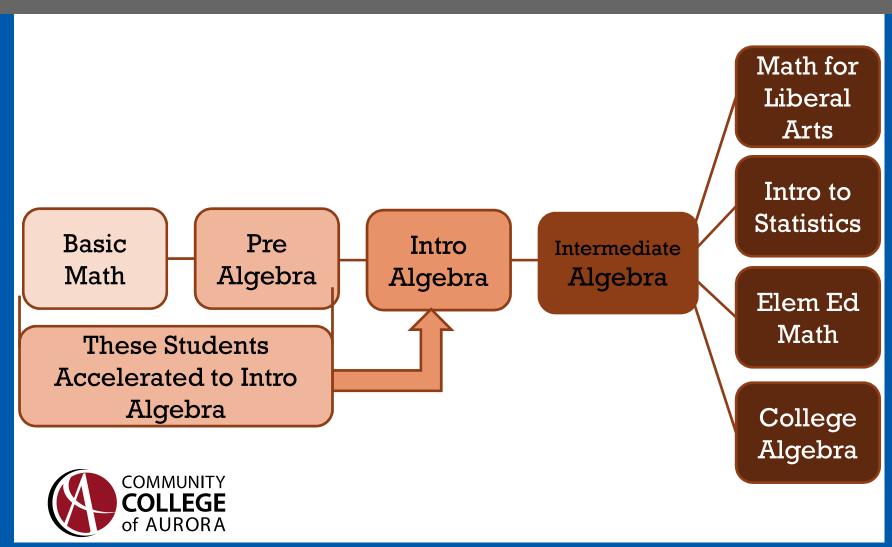
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			1010	63	26	6	42	31	182	73	2010	Fall	MSU
2010	Fall	MVSU	14				10.000	7.7	212	69	2011	Fall	MSU
2011	Fall	MVSU	37	75	22	9	32	37	0.00	100			MSU
2012	Fall	MVSU	19	97	7	14	43	41	221	84	2012	1,9TI	ANTANA
10000				40	20	12	31	38	181	69	2013	Fall	MSU
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	700000	MVSU	(45	4	5	54	48	161	102	2015	Fall	MSU
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Year	Term	Institution	<12 HR\$	12 HRS	13 HRS	14 HRS	15 HRS		
) Fall	MSU	7,7%	34.6%	14.3%	3.3%		1	
	Fall	MSU	17.5%	35.4%	10,4%	4.2%	15,1%	1	
717	2 Fall	MSU	8.6%	43.9%	3.2%	6.3%	19.5%	1	
	3 Fall	MSU	12.2%	32.0%	11.0%	6.6%	17.1%	2	
	Fall	MSU	6.9%	24.1%	4.9%	5.4%	33.0%	2	
	Fall	MSU	3.1%	28.0%	2.5%	3.1%	33.5%	2	
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Where it started: Our First Courses in Co-Requisites and Defined Pathways



Where it started: Our First Courses in Co-Requisites and Defined Pathways



COMMUNITY COLLEGE OF AURORA'S BACKGROUND

Math Pathways



 Quantitative Reasoning

 Math for Liberal Arts



Sociology, Anthropology, Criminal Justice, Psychology, Education

Quantitative Reasoning

• Introduction to Statistics



Science, Computer Science, Engineering, Mathematics, Nursing

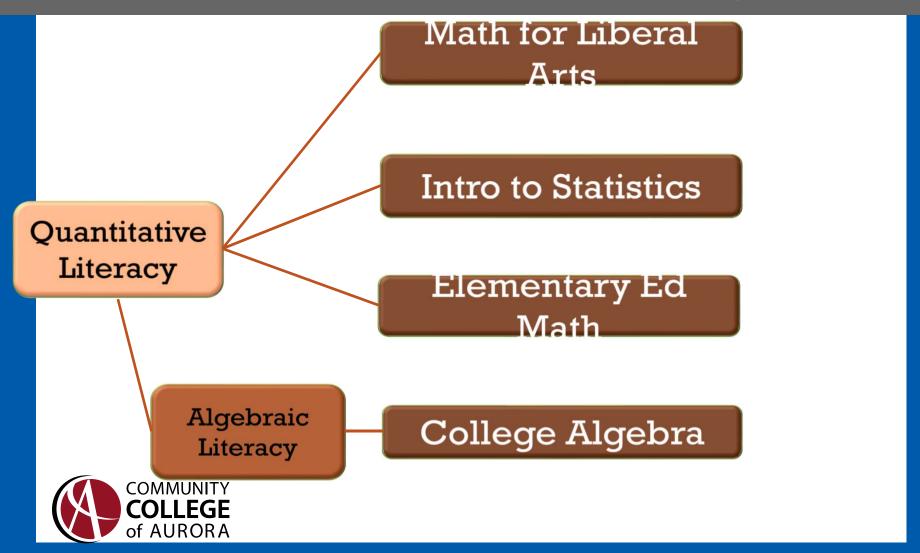
 Quantitative Reasoning

 Algebraic Reasoning

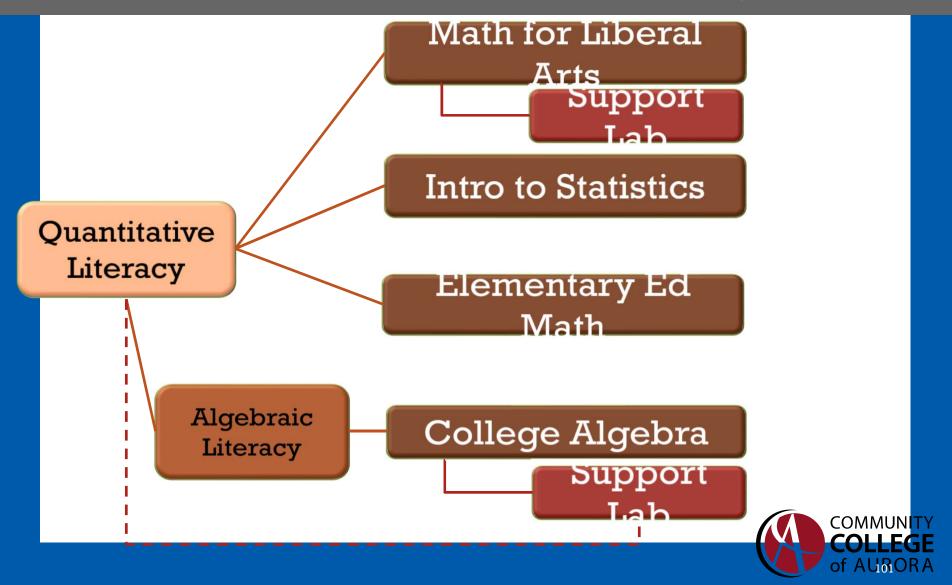
 College Algebra



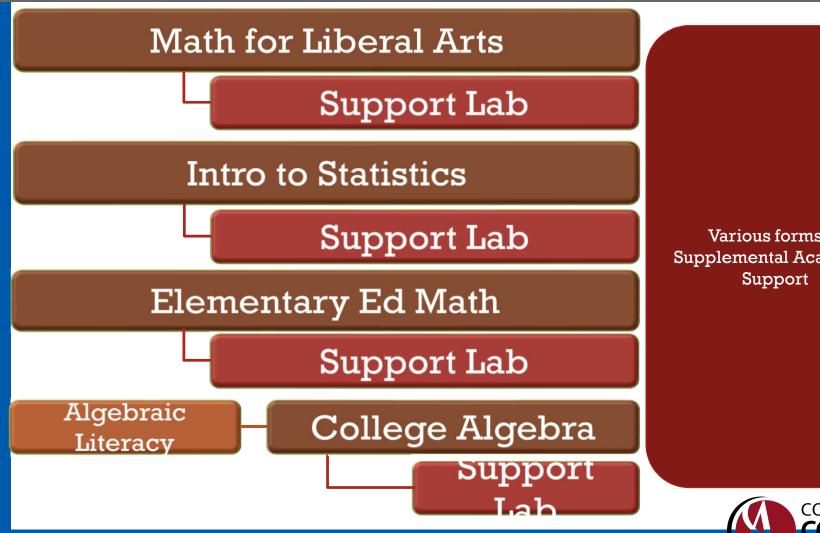
Where it started: Our First Courses with Co-Requisites and Defined Pathways



Where it started: Our First Courses with Co-Requisites and Defined Pathways



Where we are headed: The Evolution of Co-Requisites and Defined Pathways Continues



Various forms of Supplemental Academic



2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING



NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening Creating a Climate for Change

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Creating a Climate for Change

Nia Woods Haydel, Ph.D.

Complete College America Fellow

Dillard University

Today's Discussion Will Center Around...

- Determining campus readiness
- Identifying & creating allies
- Crafting & executing a plan
- Assessing progress
- Telling the story

CULTIVATING A SAFE ENVIRONMENT TODAY

- Confidentiality
- Use "I" Statements
- Take Risks
- Respectfully Disagree
- Share the Air

Conduct an Environmental Scan Know your campus

Identifying the Opportunities

- Know your institution's demographics
- Evaluate current processes & policies around student retention, progression and graduation (RPG)
- Explore individual department goals around RPG
- Examine the roles of various departments & individuals around the identified goals
- Initiate discussion on the current institutional climate around student RPG and the potential need for change

Let's Brainstorm

At your table, answer the following questions about your institution/organization:

- How does your campus define student success?
- Are there specific individuals or units/departments leading the discussion on student success?
- How do you in your current position support these goals?

Identifying Stakeholders & Building a Student Success Climate

Cooperation

Cooperation means "associations of persons for common benefit."

- Merriam Webster Dictionary

Collaboration

Collaboration means "to work jointly with others or together especially in an intellectual endeavor."

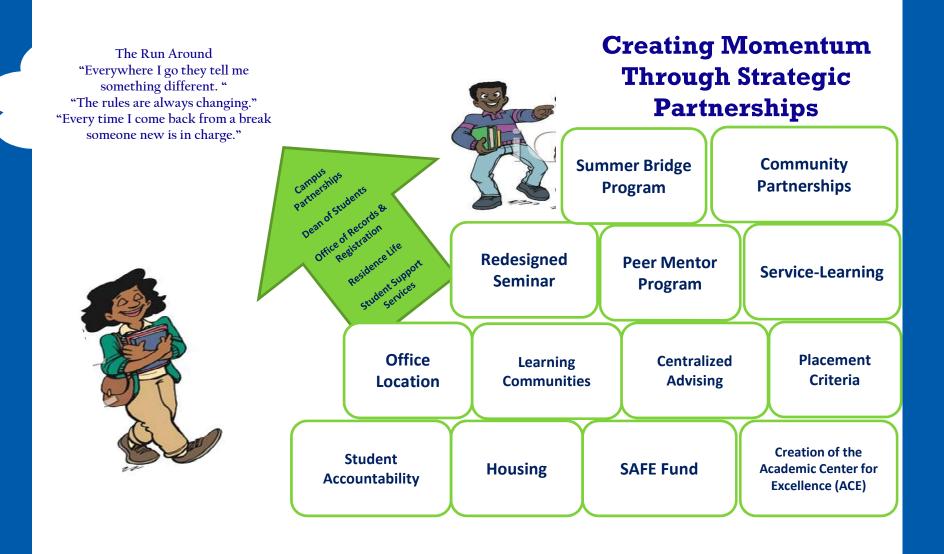
- Merriam Webster Dictionary

According to Susan Komives, Ph.D. *collaboration* means "people in a community decide on a vision for change together and then work together to devise means to achieve it."

- Social Change Model of Leadership (1994)

Let's Brainstorm

- Answer the following questions about your institution/organization:
 - What departments or individuals on campus may share similar goals around student success?
 - How are you working together to accomplish those goals?
 - What are the obstacles in place hindering you from collaborating?



Crafting and Executing a Plan

MEASURING PROGRESS & SUCCESS

- Review persistence and progression patterns
 - Identified specific populations to monitor
 - Identified specific courses to support
- Talk with students
- Talk with faculty
- Create a sustainability plan

Create Opportunities to Tell Your Story

List the assets you currently have on your campuses to support student success.

Barriers

 Identify the challenges that exist on your campus around student success.

Opportunities

 Identify opportunities to create a climate for student success.

Lunch Time Talk

2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING



NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening Launching & Tracking 15 to Finish

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Launching 15 To Finish at Minority-Serving Institutions

Dhanfu E. Elston, Ph.D. (dah-nee-foo)

Vice President



- @CompleteCollege
- @DrElston

#15ToFinish



GAME CHANGER

15 To Finish







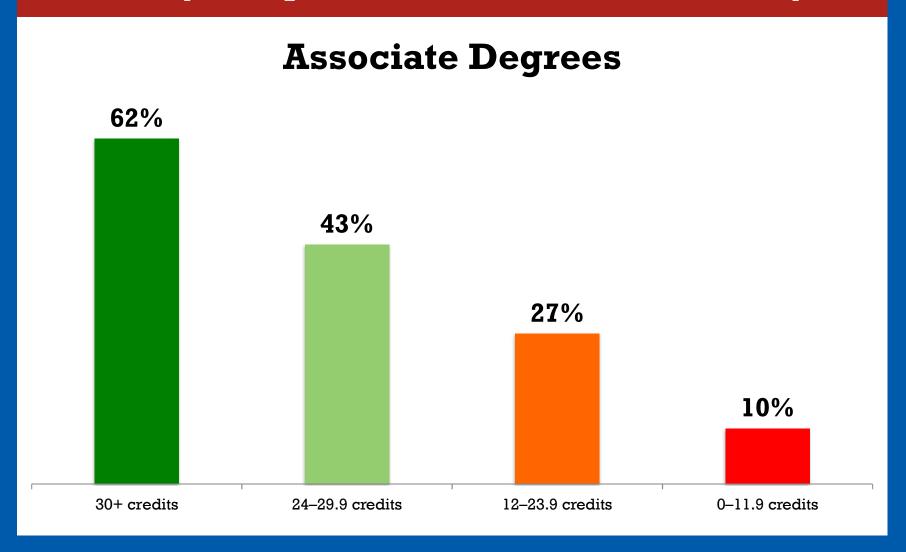
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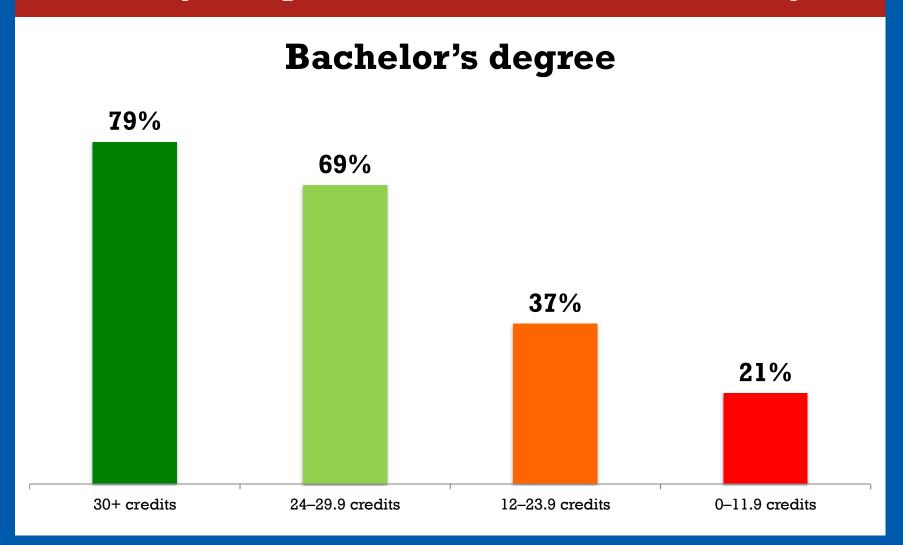




The Power of 15 Credits: More students graduate when they complete 30+ credits in their first year.

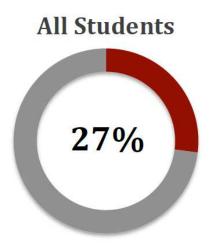


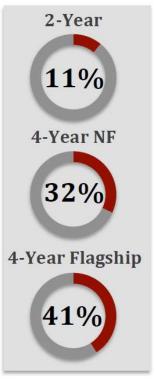
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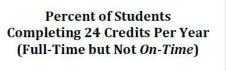


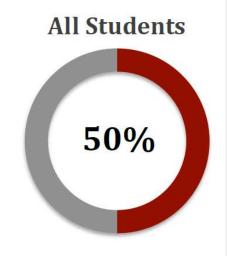
Half of American college students need just one more course per semester to be on track for on-time graduation.

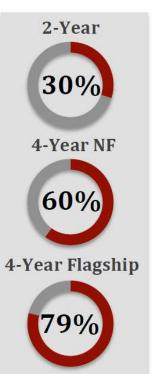
Percent of Students Completing 30 Credits Per Year (On-Time Students)

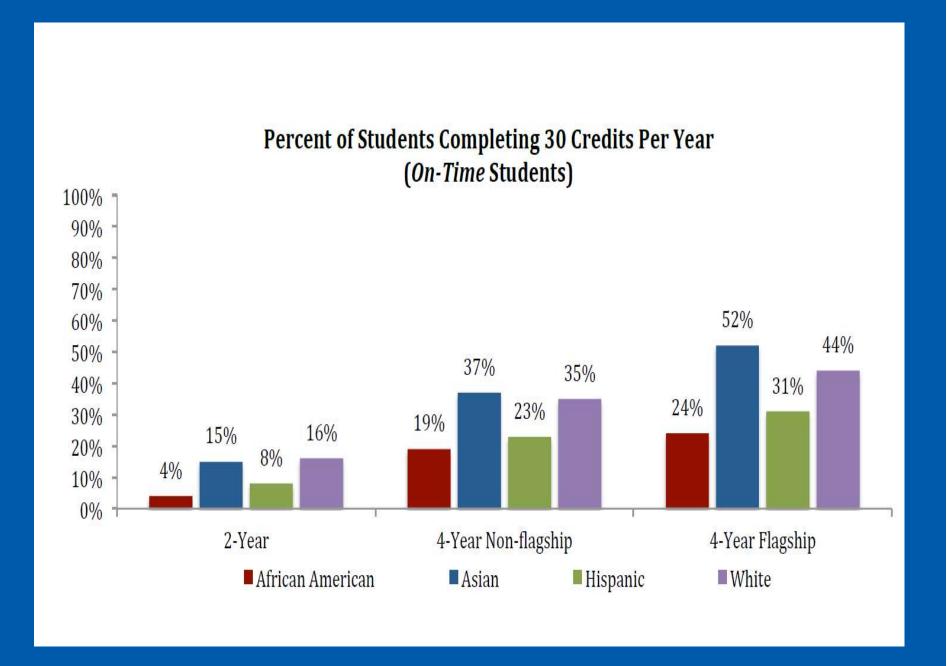




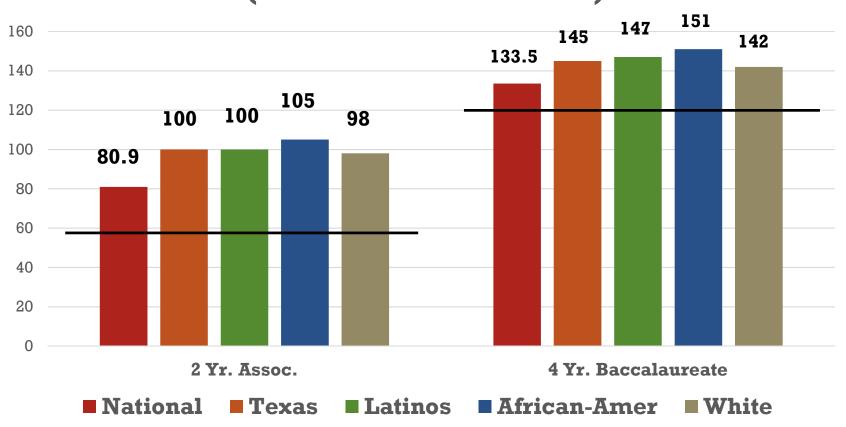




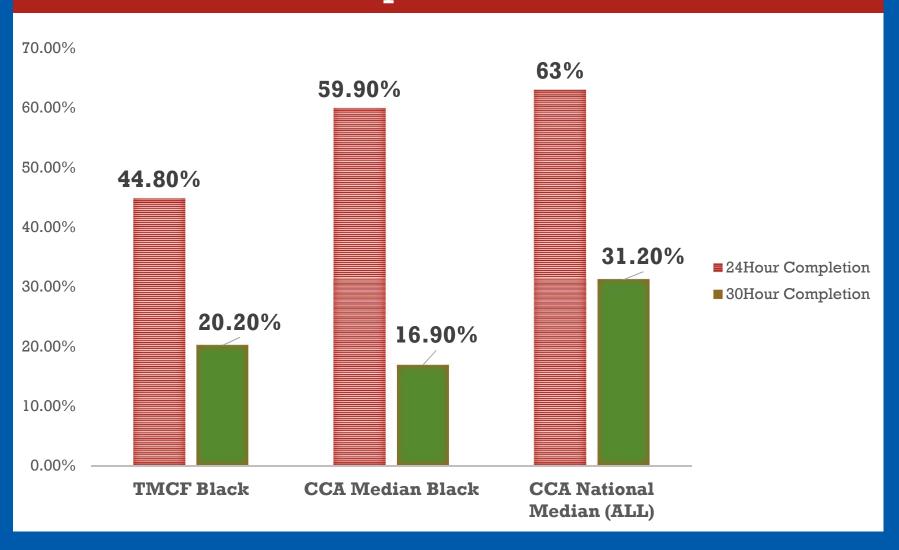




Excess Credits: Texas (Full-time Students)



Credit Completion (first-time, full-time) *** Limited Sample of Public HBCUs ***

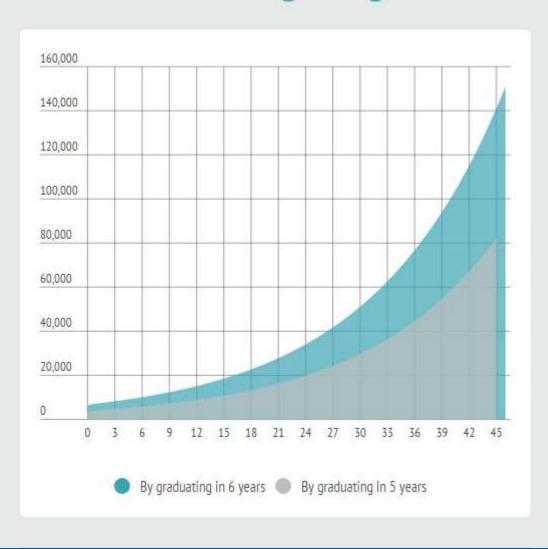


"The best strategy for reducing the cost of college is to ensure more students take the credits needed to graduate on time."

(Complete College America, 2016)

TUITION AND LOAN COSTS	ONE EXTRA YEAR, PUBLIC COLLEGE	ONE EXTRA YEAR, PRIVATE COLLEGE	TWO EXTRA YEARS, PUBLIC COLLEGE	TWO EXTRA YEARS, PRIVATE COLLEGE	
Portion of tuition paid out of pocket	\$12,557	\$18,992	\$25,375		
Cost of a loan, with interest, lover 10 years	\$6,040	\$7,823	\$12,080	\$15,645	
Total cost	\$18,598	\$26,815	\$37,456	\$53,760	

Retirement savings forgone



	ONE EXTRA YEAR, PUBLIC COLLEGE	ONE EXTRA YEAR, PRIVATE COLLEGE	TWO EXTRA YEARS, PUBLIC COLLEGE	TWO EXTRA YEARS, PRIVATE COLLEGE
Tuition and loans	\$18,598	\$26,815	\$37,456	\$53,760
Opportunity costs	\$128,429	\$128,429	\$245,253	\$245,253
Total cost for not graduating in four years	\$147,026	\$155,244	\$282,691	\$298,995







Analyze the Data

Assessing the Current Situation

At most campuses, the majority of FT Freshmen took 12 to 14 credits

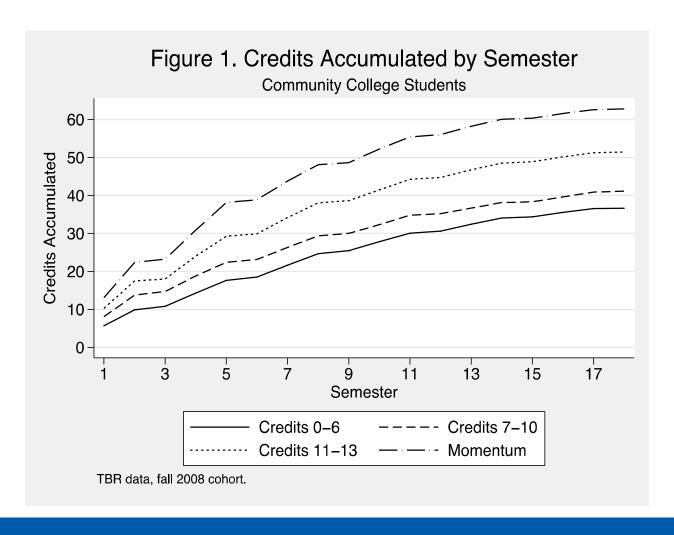
Freshmen Completing 30 or More Credits within First Academic Year, UH Mānoa

Fall 07 Cohort		Cohort
Cumulative Credits 1st AY		Cohort
<12 credits	114	6.4%
12-23 credits	351	19.7%
24-29 credits	691	38.8%
≥30 credits	624	35.1%
TOTAL	1,780	100.0%
Graduate in 4 Years	Graduates	Grad Rate
<24 credits	6	1.3%
24-29 credits	311	23.7%
≥30 credits	201	32.2%
TOTAL	317	17.8%

Analysis of <15 & ≥15 Credits

- 15+ credits tended to be more prepared
 & have better academic success
- Students in 15+ credits had more academic success
- Similar success for Pell & underrepresented students

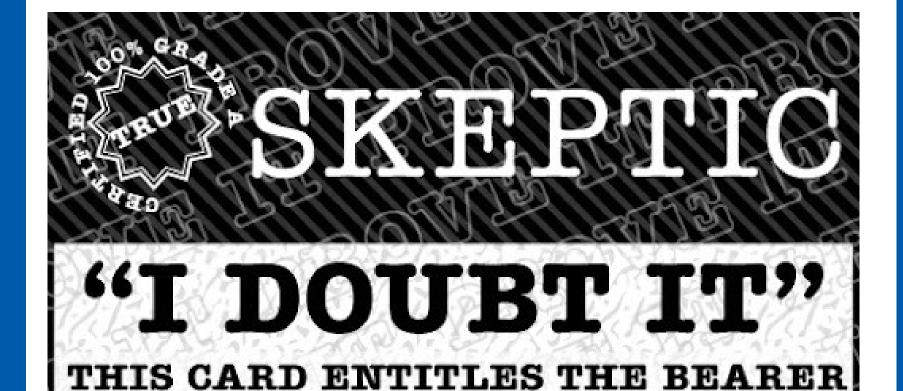
Momentum Benefits: CC Students



Source: Belfield, Jenkins & Lahr, 2016.

15 To Finish Qualitative Data Collection

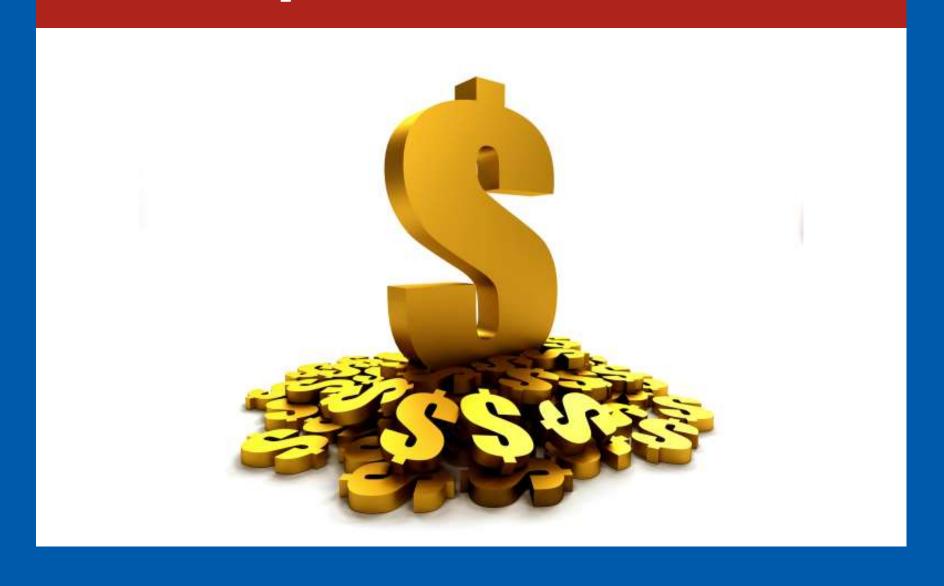
2017 Cohort				2018 Cohort			
First-time, Full-Time Students		Completed 12+ Credits in the First Semester	15+ Credits in the First	24+ Credits in the First	Completed 30+ Credits in the First Academic Year	First-time, Full-Time	



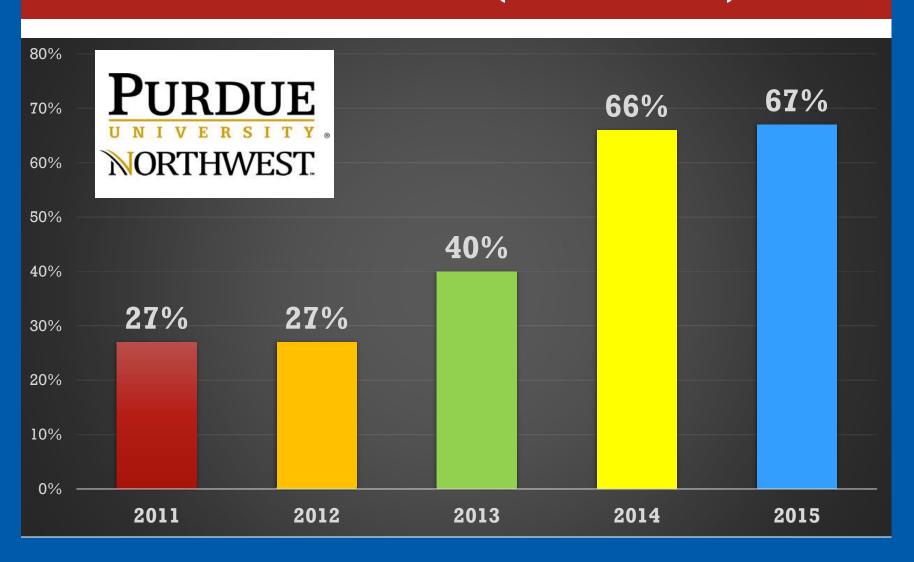
TO EVIDENCE UPON DEMAND

VOID WHERE PROHIBITED BY LAW

Why Don't We Do It?



% First-Time, Full-Time Students Enrolled in 15+ Credit Hours (1st semester)



Projected Enrollment Revenue Opportunity

Model Inputs:

Total

Enrollment: 8,639

Net Revenue

Per Student: \$10,565 (net tuition and fees plus state

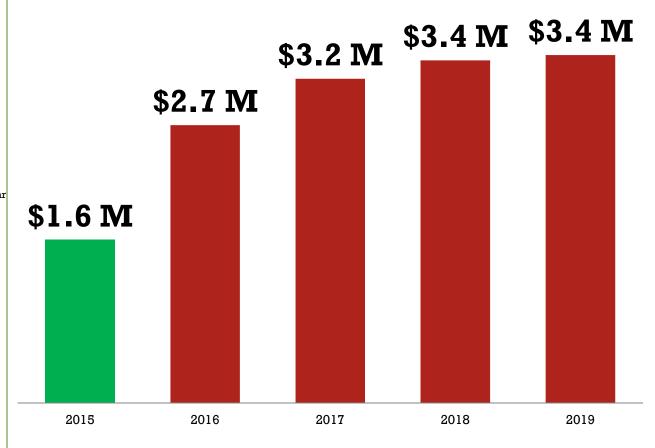
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Retention Improvement

0-29 credits 4.7% total over 1 year 30-59 credits 0% total over 1 year 60-89 credits 0% total over 1 year 90-119 credits 0% total over 1 year 120+ credits 0% total over 1 year

Estimated Impact for Purdue University - Calumet

Revenue Gains vs. Baseline





Establishing A Campaign

Creating a Campus-wide Plan



- > Collect & Share Campus-Level Data
 - Partner w/ Institutional Research & Faculty
 Senate
- > New Student Orientation
 - Clear, Introductory Messages to Students & Parents
- Degree Maps (2 & 4-year)
- Block Scheduling
 - o (Opt-Out vs. Opt-In to 15 credit hours)
- Reinforced Messages Changing the Culture to 15 Credit Hours
 - Academic Advisors
 - Marketing Campaign



Pathways to Achievement, Completion, Career & Transfer

ACADEMIC MAP



100

Business Accounting

Associate in Science

START here

SEMESTER 1 - FALL	CREDITS	MILESTONE	COMPLETE
ENG 101 — English Composition I	3		
BUS 110 — Introduction to Business	3		
CAP 101 — Computer Applications	3		
Behavioral Science elective — Recommended: PSY 101— Intro to Psychology	3		
MAT 120, MAT 177, MAT 182 —or— higher level math	3		
IDS 101 — First Year Experience	1		
TOTAL CREDITS	16		
SEMESTER 2 _ SPRING	CREDITS	MILESTONE	COMPLETE



Milestone Courses should be taken in the order shown. This will help you stay on track and graduate on time.

Make Your Summer
Matter. Summer is a great
time to take some
elective courses and
get ahead.

Communications & Engagement Strategy

- Branding theme for consistency in messages
- Key messages by audience group
 - External
 - Students, parents, and the general public
 - Internal
 - Buy-In: Advisors, campus administrators, and faculty
- Media strategy Utilize PR professionals to create and rollout
- Materials and website
- Maintain focus and a sense of urgency

15-Credit Strategies & Policies

Type of Strategy	Type of Policy	
Communications campaigns	Banded tuition or aid to support 30-credit enrollment	
Degree maps	Degree credit cap (60 or 120 credits) Default scheduling	
structured schedules		
Financial incentives		

Indiana Legislation: HEA 1348



Financial Incentive:

- Requires students to complete 30 credits per year to remain eligible for full state aid.
- Students w/ a 3.0 gpa or higher are eligible for more aid.

Structural Reforms:

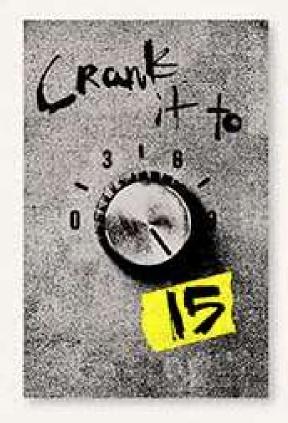
- Required institutions to:
 - provide degree maps and guarantee course availability
 - Allow full use of state aid during summer terms
- Encouraged institutions to use banded tuition

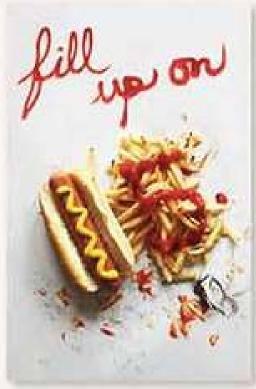
Supports:

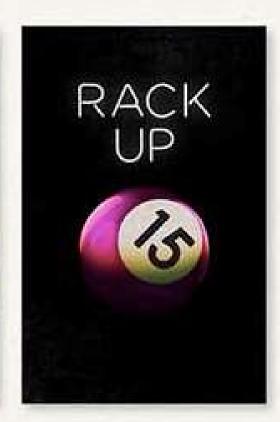
- Public awareness campaign
- Additional academic advising



POSTERS













Extra years of college can cost you thousands, both in what you pay and what you lose from not having a job. So, taking 15 credits a semester (or 30 credits a year) saves you money and lets you make more. Cha-ching! Students who take 15 credits a semester (or 30 credits a year) tend to get higher GPAs. So when it comes to getting better grades, taking 15 is sort of a no-brainer...

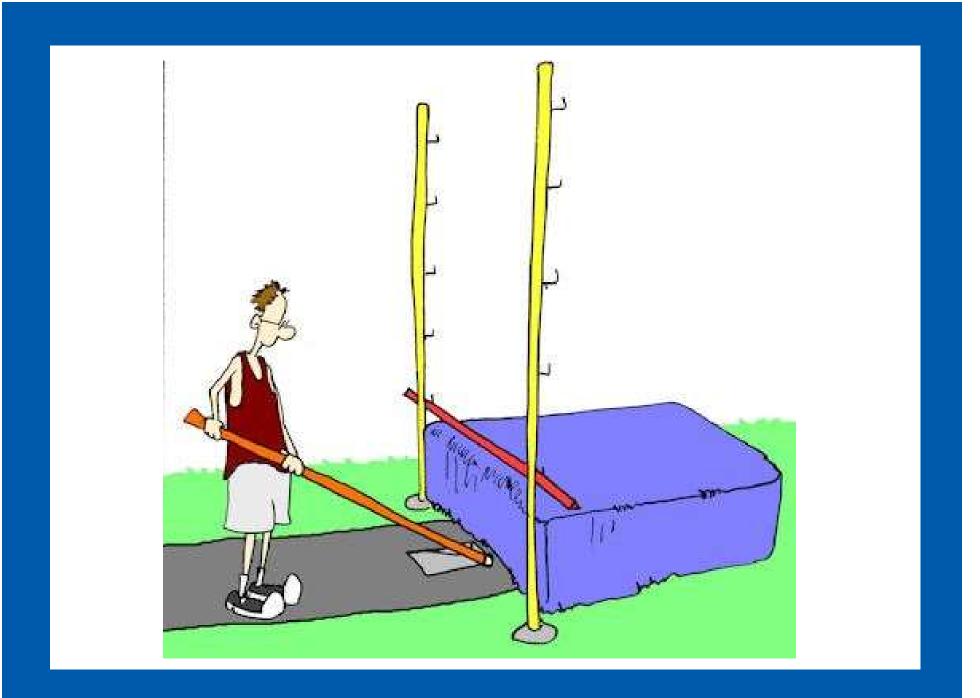




taking 15 credits a semester (or 30 credits a year) saves you money and lets you make more.

Cha-ching!







SETTING THE BAR

NACADA THE GLOBAL COMMUNITY

SHARED PRINCIPLES

Far too few full-time students graduate on time.

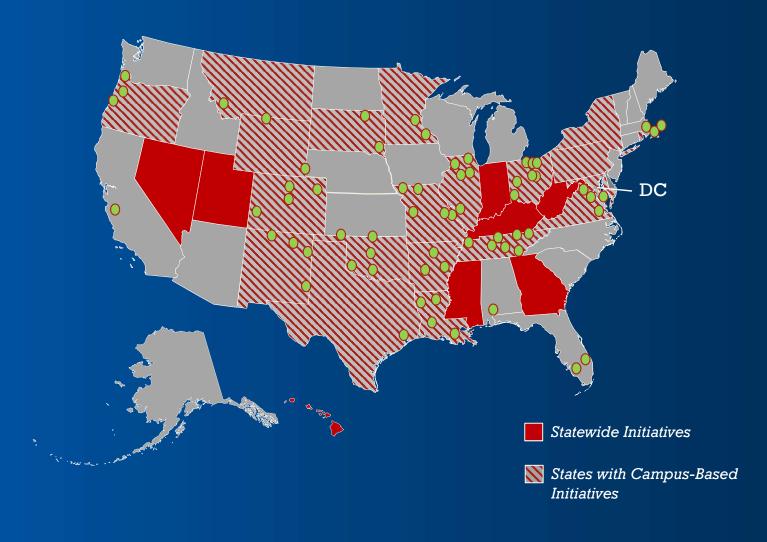
Graduating late or "taking an extra year" comes at great cost for students and their families.

Advisors play a critical role in boosting student success.

Many more students can take 15 credits per semester or term, greatly increasing their likelihood of on-time completion.

#15toFinish informs students of their choices and ensures they know what it takes to graduate on time.

Fifteen to Finish





2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING

ACCESS TO THE AMERICAN DRIVERS ORDER ORD

NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening Climate and Strategies for Change

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Strategies for Change

Jennifer Joslin, Ph.D.
Associate Director, NACADA
Kansas State University

Nia Woods Haydel, Ph.D. Complete College America Fellow Dillard University

Strategies for Change

Today's Goals

- Build on morning discussion on creating a climate for student success
- Discuss the concept of change
- Present advising as a strategy for increasing student success

Discussion Time:

How does your campus respond to change?

Academic Advising as a strategy to foster positive change around student success

Discussion Time:

What is the culture around advising on your campus?

Academic Advising as a strategy to foster positive change around student success

Discussion Time:

What is the culture around advising on your campus?

Maximizing your advising model

- Different institutions, different models
- Identify the strengths within your model
- Identify the growth opportunities
- Create opportunities for training & development

NACADA- The Global Community around Academic Advising Core Values

- Caring
- Commitment
- Empowerment
- Inclusivity

- Integrity
- Professionalism
- Respect

Discussion Time:

How are you fostering development of these core values in your advising program?

2017 COMPLETE COLLEGE AMERICA ANNUAL CONVENING

NOVEMBER 29 - DECEMBER 1 | NEW ORLEANS, LOUISIANA

MSI Pre-Convening Overview of Equity Standards

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Understanding and Implementing the Equity Scaling Standards

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Equity Standards

Today's Goals

- Provide an overview of the Equity Standards
- Review a successful project focused on decreasing achievement gap
- Discuss the role of data in creating equity
- Initiate conversations around improving equity on our campuses

Equity Scaling Standards

- Make a strong case
- Cultivate commitment
- Foster Trust
- Focus attention, support and resources where they matter most
- Align financial incentives to equity goals
- Safeguard equity throughout scaling efforts
- Embed equity in each of the scaling standards

Equity Scaling Standards: The Goal

- Moving from talk to action
- Using data to drive change and positive outcomes
- Being strategic in working toward decreasing equity gaps and creating environments that support student success
- Engage in continuous improvement practices around practices and policies

Optimizing Academic Success & Institutional Strategy (OASIS): An MSI Student Success Initiative

Complete College America Annual Convening New Orleans, LA

November 29,2017

José Luis Santos, Ph.D. President



Minority Serving Institutions Need to be Engines of Opportunity

- Enrollments shift with demographics
- Fastest growing enrollments occurring at MSIs
- This leads to an increasingly growing number of MSIs
- If we are serious about increasing educational attainment – we must focus on these types of institutions
- Need to learn from them both, their challenges and successes
- Their students need to succeed

Framing

- Focus on Student Success
 - College access is no longer enough
- Data Systems and Data Users must be set up for real-time decisionmaking – not just compliance and reporting
 - Successful leaders at successful institutions use data to mobilize action
- Strategies to create a culture to intentionally improve data and its use for increased student outcomes
 - Launch a campus-wide improvement effort
 - Model behavior at the top
 - Engage the campus community as problem solvers
 - Ensure that your institutions have accessible, accurate, and effective data delivery
 - Proactively analyze student pathways
 - Segment and customize student services
- Key Takeaway: Leaders should embrace a culture of data and evidence for continuous improvement efforts and change management

OASIS Participating Institutions

- California State University, Fresno (HSI)
- California State University, Fullerton (HSI)
- Florida International University (HSI)
- Morgan State University (HBCU)
- North Carolina A&T State University(HBCU)
- North Carolina Central University (HBCU)
- Queens College, City University of New York (HSI)
- The University of Texas Rio Grande Valley(HSI)
- University of Houston (HSI)
- University of Memphis (Urban Research Institution PBI)





















Student Success Practices

Student Advising and Course Scheduling Practices

- Adopt mandatory / intrusive advising policies
- O Develop meta-majors, default scheduling pathways, and academic (major) maps
- Implement block / structured scheduling for first year students
- Emphasize 15 credits per semester
- o Reexamine drop, withdraw, hold, registration policies, and course scheduling
- Implement early alert system

Data Analytics

- Perform baseline analytics to assess need areas.
- Use predictive analytics to identify at-risk students.
- Analyze and report data each semester (fall and spring of each year) to assess progress.

Developmental Math Intervention

- Course redesign (with help from National Center for Academic Transformation or SREB's John Squires)
- o Statway and Quantway (Carnegie Foundation for the Advancement of Teaching)
- Mathway (UT Austin, Charles A. Dana Center)

Intentional Behavior and the Use of Real-Time Data to Drive Change & Continuous

- Metric 1: Retention Rates
 - Number and percentage of all first-time, degree-seeking undergraduate students reenrolling each fall and spring term for the first two years by race/ethnicity, attendance status, and income (i.e., Pell status at time of entry)
- Metric 2: Credit Accumulation
 - Number and percentage of first-time, full-time degree-seeking undergraduate students accumulating 12-15 units per term
- Metric 3: Drop, Withdrawal, Failure
 - Percentage of students either dropping, withdrawing, or failing in each of the 5 courses with the highest DWF rate of the 25 courses that enroll the most freshman and sophomores by enrollment status at entry, race/ethnicity, and Pell status (at time of entry)
- Metric 4: Developmental Math Success
 - Number and percentage of entering undergraduate students who complete developmental math requirements with a C or better at the end of their entering fall semester and then enroll and complete a credit-bearing math course within one year by race/ethnicity, enrollment status, and Pell status (at time of entry)

Authored Publications Of Interest

- Education Trust Higher Education Practice Guide: Learning From High-Performing and Fast-Growing Institutions (Jan 2014)
- Higher Education's Critical Role in Increasing Opportunity in America: What Boards Should Know and Questions They Should Ask (Jan/Feb 2016)
- A Glimpse Inside the Coffers: Endowment Spending at Wealthy Colleges and Universities (Aug 2016)
- Fixing America's College Attainment Problems: It's More than Affordability (Sept 2016)



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It's Your Turn

- Where are the achievement gaps among your student population?
 - (Cultivate commitment & Foster trust)
- What are you currently doing on your campus to promote equity?
 (Make a strong case)
- What data are you using to support the decision to implement these practices?
 - (Focus attention, support and resources where they matter most)
- Are the efforts you are implementing on campus align with the state standards for improving equity? (Do you know if there is a state initiative?)
 - (Align financial incentives to equity goals & Safeguard equity throughout scaling efforts)

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Outlining Your Plan

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Questions & Answers

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MSI Pre-Convening Next Steps

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Shared Commitment & Implementation Timeline

Commitment Process

Develop and sign a state-level

Shared Commitment for

Host a Challenge Event

to share information with

institutions and gain

signatures on Implementation

Shared Commitment

document

Planning

Organize and coordinate multiple academies for

Implementation Process

Implement first set of strategies

Continue planning for implementation of other strategies

Develop plan to continually evaluate strategies being implemented Implement next set of strategies

Continually evaluate strategies being implemented

Take all strategies to scale

Continually evaluate strategies

Broadly share results with stakeholders

Academic Year 1

Academic Year 2

various strategies

Academic Year 3

Academic Year 4

Academic Year 5

Next Steps

January

• Baseline data collection 2016-2017 cohorts

February

- Webinars
- Submit Implementation Plan & Sub Grant

March

- Feedback on Implementation Plan
- Decision on Sub Grant

April-August

- Marketing campaign
- Communication with stakeholders

December

• Ouantitative intervention data

January-February 2019

• Qualitative intervention data

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Maximizing Your Time

Connect

- l. Download the Complete College America App
- 2. Network and Engage at Dine Outs
- 3. Connect with your Director of Alliance Relations

Reflect

- 1. Tweet! #CCADream17 and #CCAMomentum and tag @CompleteCollege
- 2. Assess locally, state-wide and regionally

React

- l. Make a plan
- 2. Take action!

