



iie SUMMIT 2019

THE FUTURE OF
INTERNATIONAL
EDUCATION

FEB 17-19
GRAND HYATT | NYC



CASSIE Consortium for the Analysis of Student Success through International Education



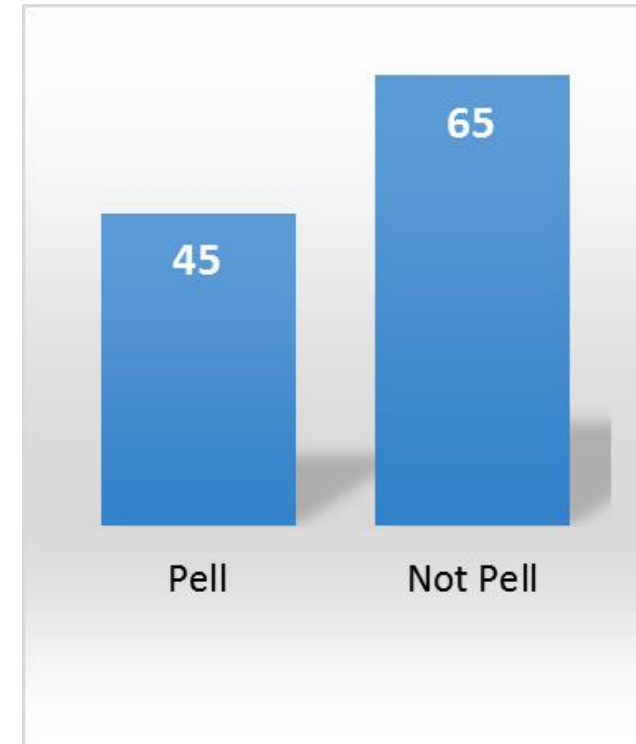
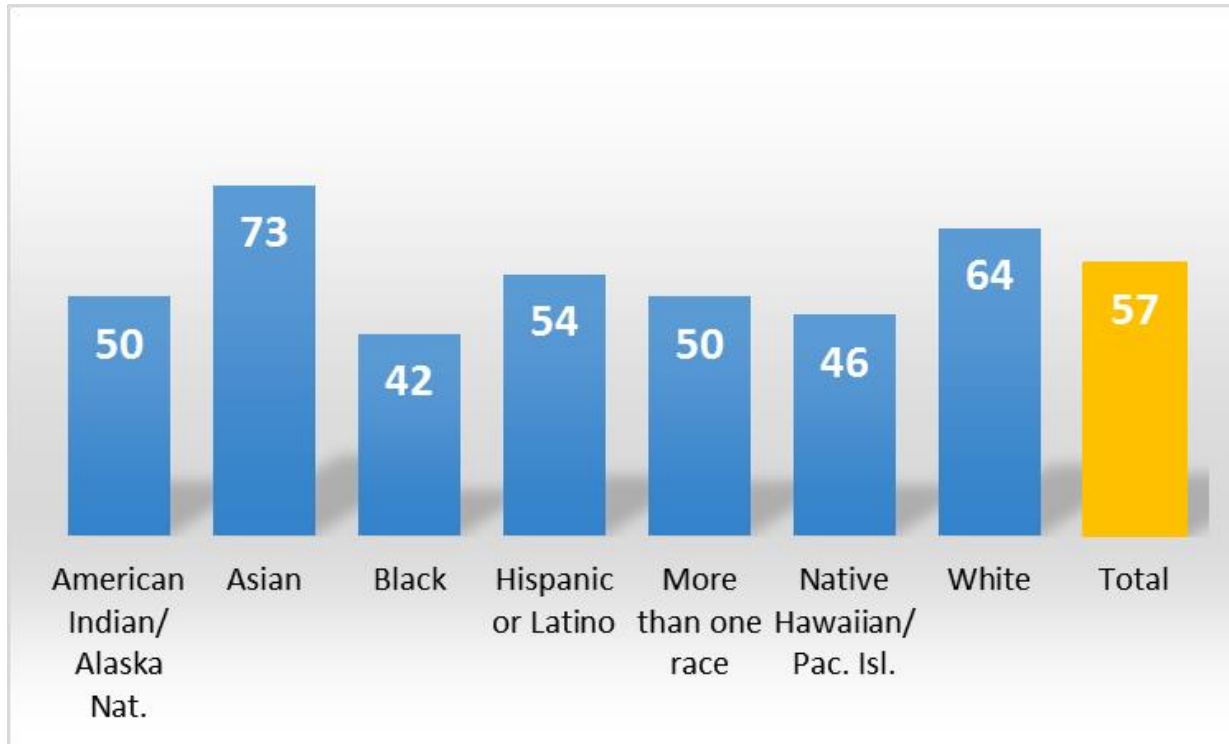
Funded by a FY 2017 Title VI International Research and Studies grant from the US Department of Education, Office of International and Foreign Language Education. All opinions expressed are those of the panelists.

What is CASSIE?

National collaborative led by the University System of Georgia to:

- Conduct rigorous research assessing impact of international education on student success
 - Education abroad, foreign language study, Title VI programs
- Deliberate focus on impacts for important subpopulations:
 - Low-income, race/ethnicity, specific majors
- Provide participating campuses benchmark reports
- Foster collaboration between campus Institutional Research and International Education offices
- Create a sustainable consortium to expand scope after grant completed

International Education as Means to Close Attainment Gaps



USG Six-Year Bachelor's Degree Graduation Rates

CASSIE Research Design

Focal Experiences

- Education Abroad--duration, location, provider-type
- World Language Learning--number of courses, major, minor
- Intensive International Ed--FLAS, Flagship, etc.

Special Populations/ Controls

- Low-income students
- Race/ethnicity
- Academic Major—STEM, pre-professional programs
- Matching variables: Gender, Age, HS GPA, SAT, etc.

Outcomes

- Timely Graduation
- Terms and Credits to Degree
- Credit completion ratio and GPA

Research Universities

- Augusta University
- Georgia State University
- Georgia Inst. of Technology
- University of Georgia

State Universities

- Albany State University*
- Clayton State University
- Columbus State University
- Fort Valley State University*
- Georgia College & State Univ.
- Georgia Southwestern St. Univ.
- Middle Georgia State Univ.
- Savannah State University*
- University of North Georgia



Comprehensive Universities

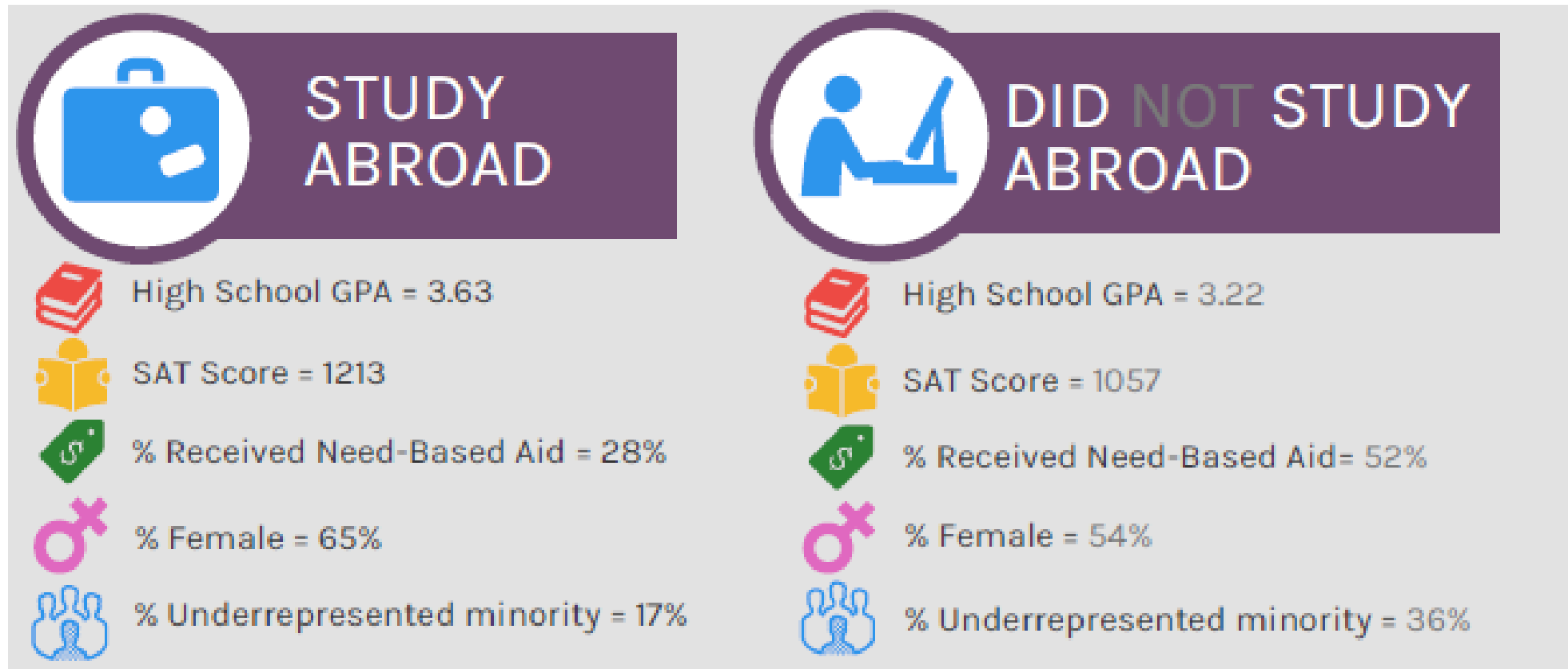
- Georgia Southern University
- Kennesaw State University
- University of West Georgia
- Valdosta State University

State Colleges

- Abraham Baldwin Agricultural Coll.
- Atlanta Metropolitan State College
- College of Coastal Georgia
- Dalton State College*
- East Georgia State College
- Georgia Gwinnett College
- Georgia Highlands College
- Gordon State College
- South Georgia State College

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- Central Michigan University
 - California State University-Long Beach*
 - Florida State University*
 - Guilford College*
 - Howard University*
 - Middle Tennessee State University
 - New York University
 - Tulane University
 - University of Alabama*
 - University of Arizona
 - University of Delaware
 - University of Iowa
 - University of Kansas
 - University of Kentucky
 - University of Massachusetts Amherst
 - University of South Carolina
 - University of Texas at Austin
 - Virginia Tech
 - Webster University

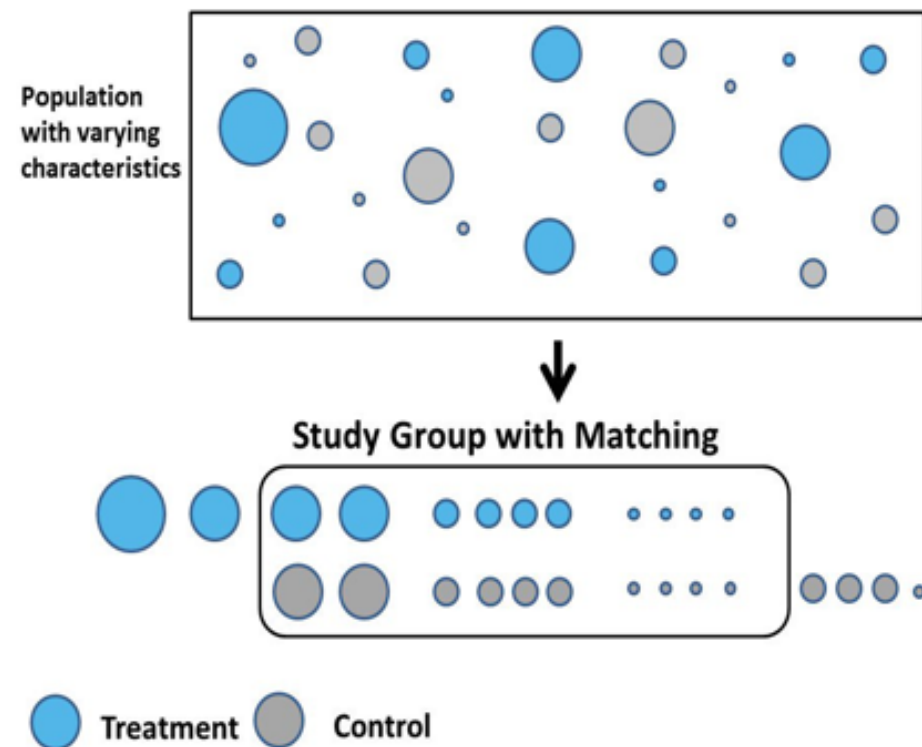
Who Studies Abroad is Related to Outcomes



CASSIE Research Design

- Participation in international education is self-selected
- Impact on student outcomes may not be due to the international education experience itself, but other unobserved factors the student possesses
- Simple comparison of treated and control can result in biased estimates

Exact and Propensity Score Matching



Preliminary USG Findings



DEGREE IN 6 YEARS

8.7pp

SA students are more likely (8.7pp) to graduate in 6 years compared with non-SA students.



DEGREE IN 4 YEARS

10.1pp

SA students are more likely (10.1pp) to graduate in 4 years compared with non-SA students.



SEMESTERS TO DEGREE

-0.17

SA students finish their degree about 3 weeks faster than non-SA students, showing that study abroad slightly accelerates but does not delay graduation.



CREDIT HOURS EARNED

3.22

SA students earn 3.22 more credit hours upon graduation compared with non-SA students, showing that SA students do not earn considerably more, or less, credit hours than non-SA students.



HOURS EARNED/ HOURS ATTEMPTED

[NSS]

No difference between SA and non-SA students.



GPA AT DEGREE

.12

SA students earn a 0.12 higher GPA than non-SA students.

Results for Underrepresented Students

Matching Estimates of Effect of Study Abroad for Subpopulations

| | | | Semesters to | Hours Earned | Ratio Hours | |
|---------------------------|-------------|-------------|--------------|--------------|------------------|--------|
| | 6-year Grad | 4-year Grad | Degree | at Degree | Earned to | GPA at |
| | | | | | Attempted | Degree |
| Need-Based Aid | 12.2 PP | 10.1 PP | -0.289 | 2.24 | 0.01% (Not Sig) | 0.109 |
| No Need-Based Aid | 9.9 PP | 12.4 PP | -0.215 | 2.79 | 0.02% (Not Sig) | 0.088 |
| Underrepresented Minority | 14.9 PP | 11.9 PP | -0.27 | 2.95 | 0.25% (Not Sig) | 0.12 |
| Not URM | 9.5 PP | 11.6 PP | -0.23 | 2.45 | -0.04% (Not Sig) | 0.09 |
| STEM | 8.9 PP | 6.6 PP | -0.10 | 3.12 | -0.80% | 0.11 |
| Not STEM | 11.5 PP | 13.7 PP | -0.30 | 2.55 | 0.39% | 0.09 |

*All estimates statistically significant at the 5% level, unless otherwise noted

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