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2020

Infographic: Black Unicorns - Pre-College Access to STEM and Non-Revenue Sports

Kobe Reese

Embry-Riddle Aeronautical University, reesek1@my.erau.edu

Leroy Long III

Embry-Riddle Aeronautical University, longl2@erau.edu

Morris R. Council III

Embry-Riddle Aeronautical University

Sharnnia Artis

Embry-Riddle Aeronautical University

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Reese, K., Long, L., Council, M. R., & Artis, S. (2020). Infographic: Black Unicorns - Pre-College Access to STEM and Non-Revenue Sports. , (). Retrieved from <https://commons.erau.edu/publication/1397>

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BLACK UNICORNS

STEM ACCESS FOR BLACK STUDENT-ATHLETES IN NON-REVENUE SPORTS

WHAT IS A NON-REVENUE SPORT?

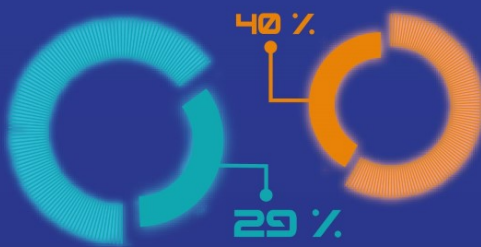


A non-revenue sport is a collegiate sport that generally does not produce a large quantity of revenue, compared to giants like American football and basketball.

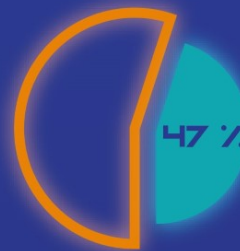
STEM ACCESS FOR BLACK AND LATINX STUDENTS

Local funding, depending on states, can sometimes account for the majority of a school district's funding. Previous American practices like segregation, specifically redlining, traditionally has led to many Black and Latinx communities being subjected to impoverished living spaces. As a result of this, many Black and Latinx students are in low resource schools that have limitations to the curriculum and sports they offer, like STEM and high resource sports. The current system allows for Black and Latinx students to be highly concerned with low resource sports because of the surrounding low resource schools.

Students who likely pursue STEM degrees in higher education, typically have had prior experience with STEM curriculum. Participating in more non-revenue generating collegiate sports that are also high in resources like lacrosse, softball and swimming, can open more opportunities to pursue STEM degrees in college while on an athletic scholarship. However, there are few non-revenue sports that are offered to Black and Latinx communities. Mainly, there are only low-resource sports offered, such as basketball and track.



Among high schools that serve predominantly Black and Latinx students, just **29 percent** offer a calculus class and only **40 percent** offer physics.



Only **47 percent** of Black students nationwide attend schools that have courses in computer science.

SOLUTIONS TO THE PROBLEM

Politicians ensuring equitable funding of STEM curriculum and sports programs in K-12 public schools, regardless of students' race, socio-economic status or zip code. Especially for the Southwest Region of the U.S. where cities are mostly impacted by discriminatory practices and poor development.



Increasing STEM accessibility for Black and Latinx youth. Some initiatives that aim to do so are: **The Algebra Project**, **SECME**, **DAPCEP**, and **MITES**.

Participation in **low profile sports** to increase advanced educational opportunities.