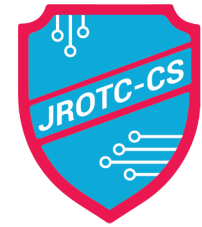


JROTC-CS Impact Study



Program (Non-NSF Funded)

Challenge:

Many schools lack the capacity to offer CS and Cybersecurity Courses.

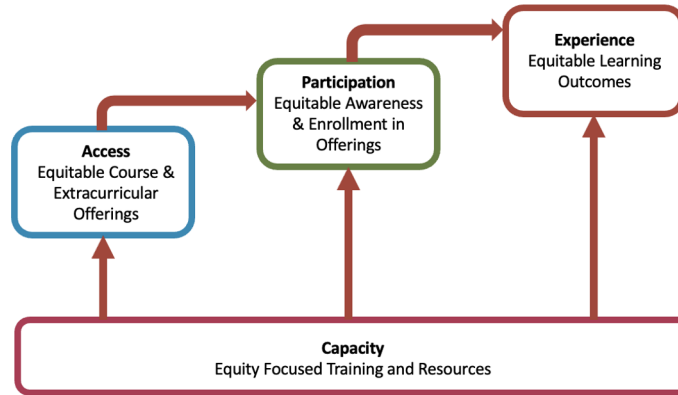
Opportunity:

JROTC cadets are often at high schools where computing courses are not offered.

Solution:

Leverage public and private dollars to support capacity in schools, creating opportunities for cadets AND other students.

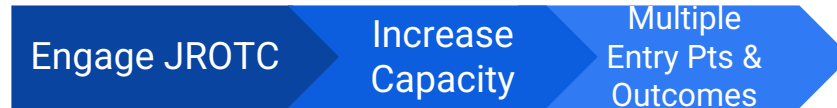
JROTC-CS Impact Study (NSF #2028426)
 CSforALL (Leigh Ann DeLyser, Stephanie Wortel-London)
 CSEdResearch.org (Monica McGill)



Impact Study (NSF Funded)

Intellectual Merit:

Build understanding of the interaction between Capacity, Access, Participation, and Experience (CAPE) of all youth in implementation with school partners (JROTC)



Leverage JROTC for school, student, and corporate relationships.

Build school capacity for CS & Cyber education. Engage teachers and JROTC instructors as brokers.

Engage multiple identities of youth, create high quality learning experiences, offer multiple pathways & opportunities.

Broader Impact and Broader Participation:

Provide feedback to program to improve outcomes among underrepresented groups in CS and Cybersecurity.

Disaggregate results for students in title I schools to study race, gender, and resources intersectionality on outcomes.