



Building a Biotechnology Unified Education Network of Opportunities (BUENO) in the Lower Rio Grande Valley that will offer a clear path for undergraduates into careers in biotechnology-based STEM fields.

Our three major activities:

1. curriculum and educational materials development;
2. professional development for educators; and
3. program development and improvement.

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For more info see our website or our entry on p. 34 of ATE Impacts 2020-2021!

<https://ate.is/BUENO>

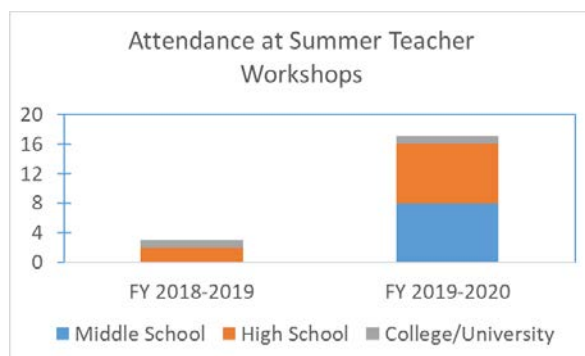
Impacts:

Curriculum Development:

1. Developed and implemented 8 new lab activities in introductory biology labs
2. Redesigned curriculum of introductory biology courses using Open Education Resources (OER); including virtual alternatives
3. Designed and implemented Zombie Apocalypse-themed Summer Camps for middle and high school students

Professional Development:

Summer Workshops



Program Development:

1. Introductory biotechnology courses developed and approved with course-based research (SEA-PHAGES)
2. Assisting Med Tech Program to modernize their courses



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