

The Effectiveness of Growth Mindset Interventions with College Students Kyarelise Colon and Samantha Tackett, Ph.D. Florida State University, Tallahassee, FL



4-year universities. The majority of our journals included three types of interventions: article-based interventions with reflective questions, a pen pal condition, and videobased interventions.

The purpose of this literature review was to analyze how different methods of mindset interventions with college students affected their overall academic success. Numerous studies identified positive results in their findings and outcomes. Broda et al. (2018) found an article-based condition to be effective with Latino students in the growth mindset condition (higher first-semester GPA) compared to White and African American students in the control group. Aronson et al., used a writing intervention method to yield positive results with minority college students. Aronson et al., using a malleable pen-pal condition, found that African American students in the growth mindset condition valued their academics more and received higher grades overall. The students reported being convinced by the idea that the brain can change and develop new knowledge and skills. Although achievement is frequently used as an intervention outcome measure, a growth mindset has been associated with measures of change in one's cognition about intelligence as well. Perception plays a big role in how we approach challenging tasks and our motivation to attempt or accomplish them. By using a classroom-based intervention, Samuel and Warner (2019) found that students who received the multi-level intervention reported lower math anxiety. Likewise, the post-intervention results identified an overall higher math self-efficacy among their students and better grades within the course. Overall, these studies have shown that there are multiple methods to support students' growth mindset development and success (Fig. 2 and Fig. 3).

We found throughout this literature review that the use of intervention methods (such as article-based, video-based, reflection-based) with college students was associated with positive development of growth mindsets. As the knowledge about successful growth mindset interventions becomes more pervasive, we hope that higher education educators and leaders implement mindset interventions universally to help their increasingly diverse students succeed in college.





Discussion

Conclusions

References