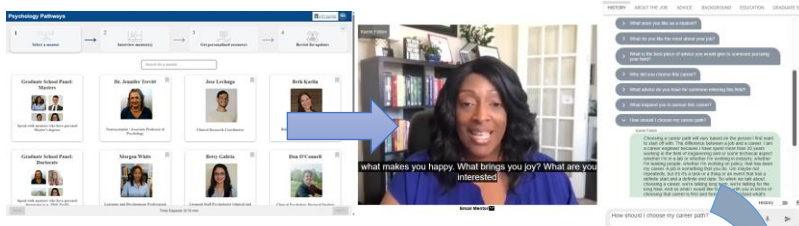


How can supporting college students' career exploration strengthen their STEM persistence?

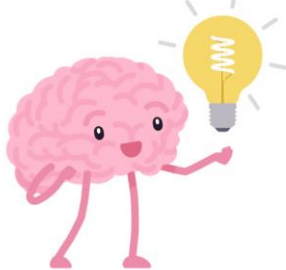
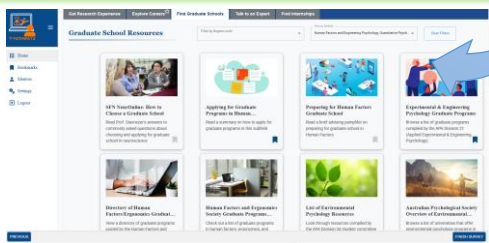


#2237924: CAREER: Improving Persistence of Underserved Students in Psychological Science
Using an AI-Based, Personalized Career Exploration Platform

Psychology Pathways Intervention



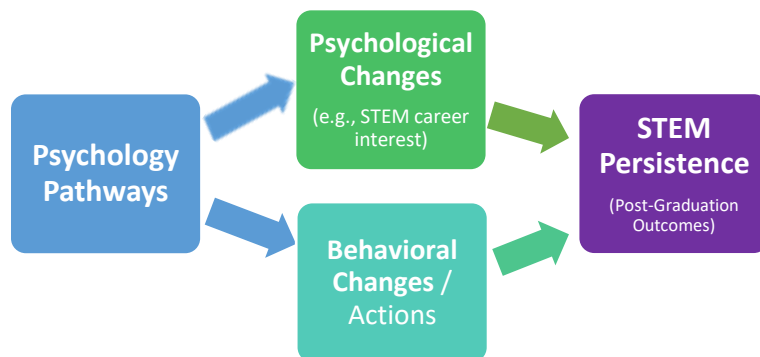
1. Authentic mentor stories
(MentorPal virtual mentors)
2. Personalized resources



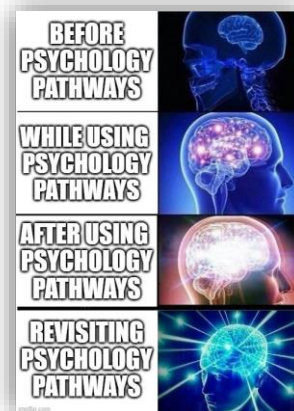
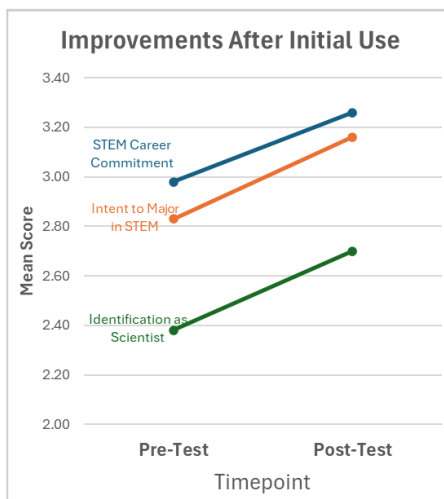
96.1% would recommend to friends



91.3% said Psychology Pathways could inform their careers



Modeling predictors of STEM persistence over 3 years



Methods

Longitudinal

Mixed Methods

- Longitudinal data collection (3-year)
 - Psychology majors at CSUF (target $N = 1,000$)
 - Randomized into Intervention vs. Control groups
- Mixed methods: Survey + small-group interviews
- Analyses include: multilevel SEM & mixture modeling

Challenge Areas

Human Considerations

- Participant retention
 - Encouraging utilization & return use
- Mentor recruitment
- Adapting to the era of generative AI



Yuko Okado, Benjamin Nye, & Kiley Rios

← Project website



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