

don't be a robot.

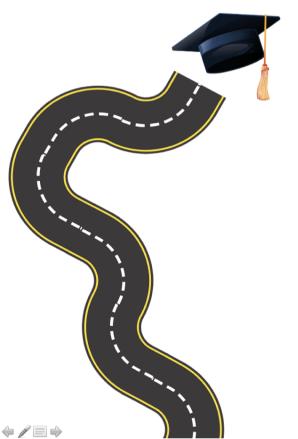
#HumanizingSTEM

Humanizing ONLINE STEM COURSES

Project Team:

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The STEM Academic Pathway



- 14.7% of STEM undergraduates are Black, Latinx, Native American
- Students from minoritized groups (including women) are more likely to leave STEM majors

(Estrada, et al. 2016)

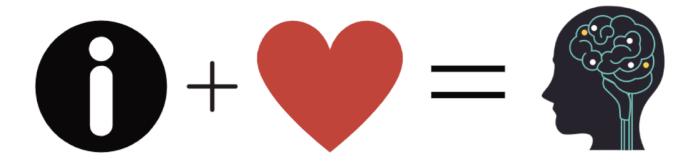
Why do students leave?

- "Chilly" course climate
 - Passive learning (heavy lecture) (Eagan, 2016)
 - Competitive culture (high stakes exams, curve grading)

(Hughes, Hurtado, & Eagan, 2014)

• Worsened by instructor Implicit Bias, student exposure to Stereotype Threat

Human connection is the antidote.





Online Courses Matter

• Undergraduates with *blended* course schedules persist at higher rates than those who take all courses F2F or online (James, Swan & Daston, 2015).

BUT ...

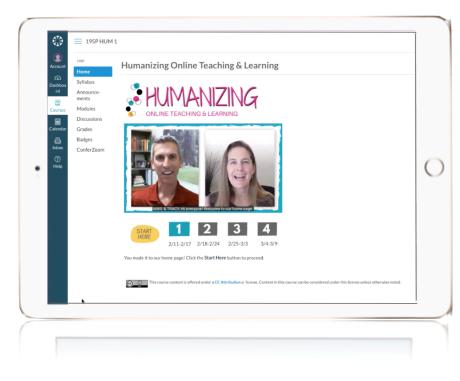
- Online students can feel even more isolated.
- Racial and ethnic achievement gaps are exacerbated online.













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FACULTY Development





MATH

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