

The Moral Dilemma of Going Back: How the Pandemic Changed My Teaching



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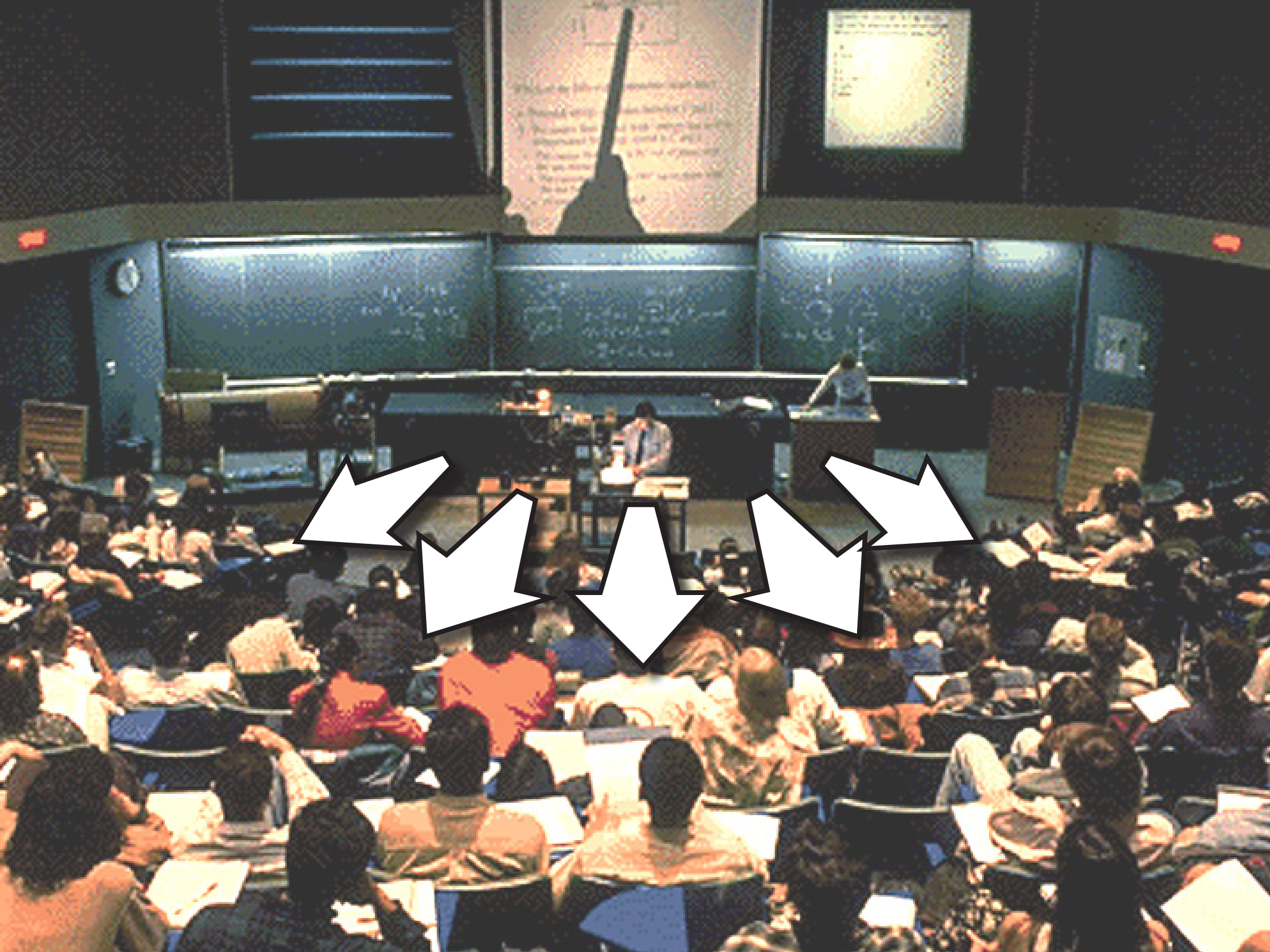


Rotary eClub of Silicon Valley
25 September 2021









Higher learning gains

Better retention

INSTRUCTION

March 2020

AP50

1 before (and just after) pandemic

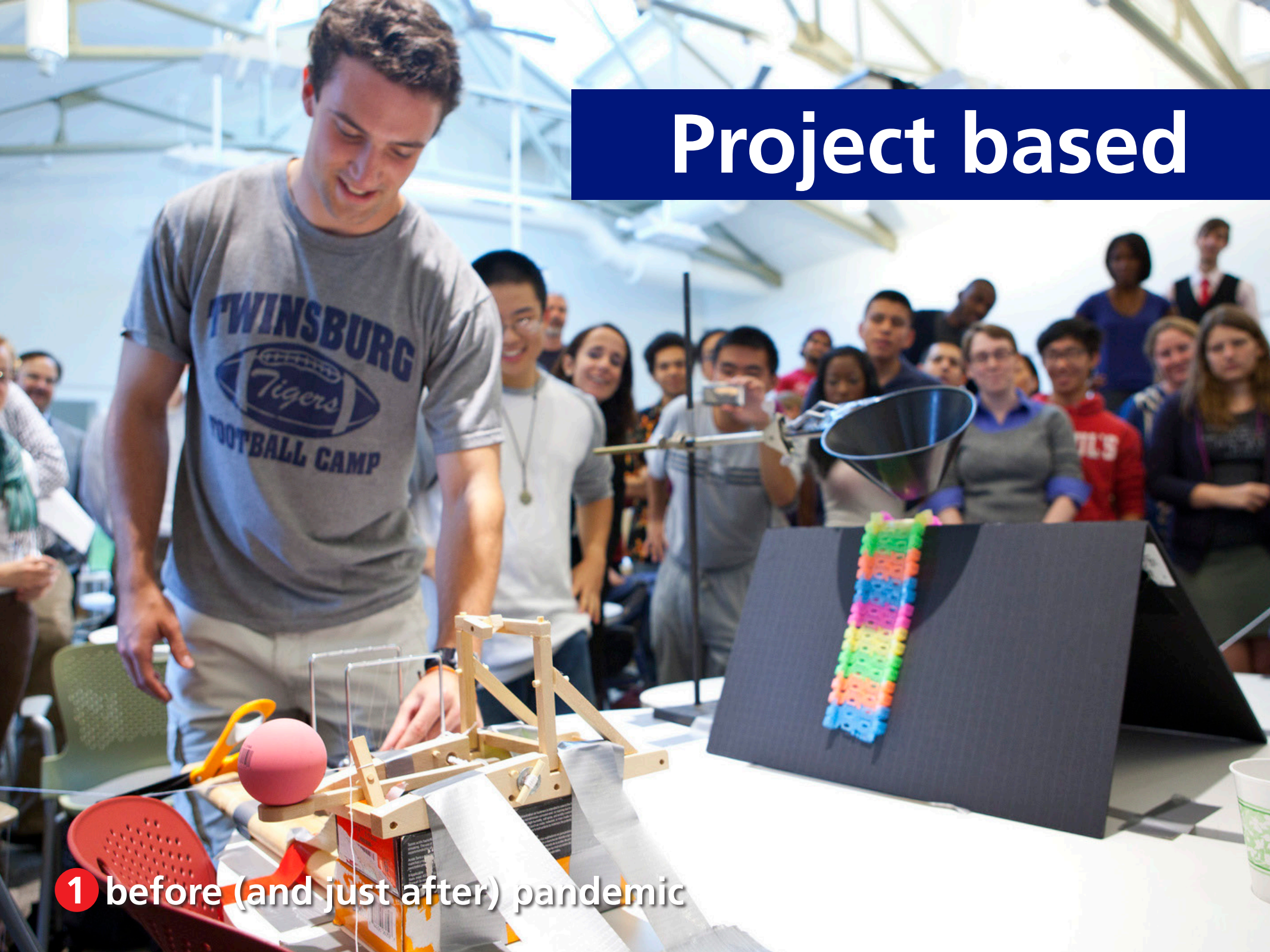


Team based

1 before (and just after) pandemic

Project based

1 before (and just after) pandemic






Intrinsic motivation

1 before (and just after) pandemic



1 before (and just after) pandemic



no lectures

no exams

① before (and just after) pandemic



March 13, 2020

1 before (and just after) pandemic



instructional continuity between first and second half?

1 before (and just after) pandemic



instructional continuity between first and second half?

86% agreed

1 before (and just after) pandemic



Summer 2020

Moving online

"How can I transfer online what I do in the classroom?"

Moving online

***"How can I transfer online what I do in the classroom?"
(challenge)***

Moving online

***"How can I transfer online what I do in the classroom?"
(challenge)***

Moving online

"How can I transfer online what I do in the classroom?"
(challenge)

"What can I do online that I cannot do in the classroom?"
(opportunity)

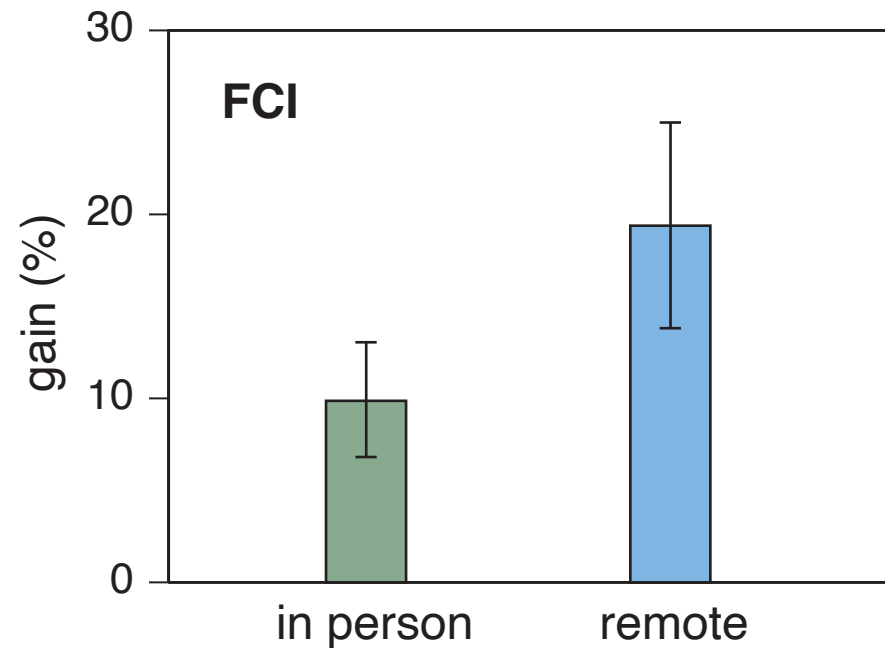
Changes implemented

- **Minimize sync/instructor-paced**
- **Personalize instruction**

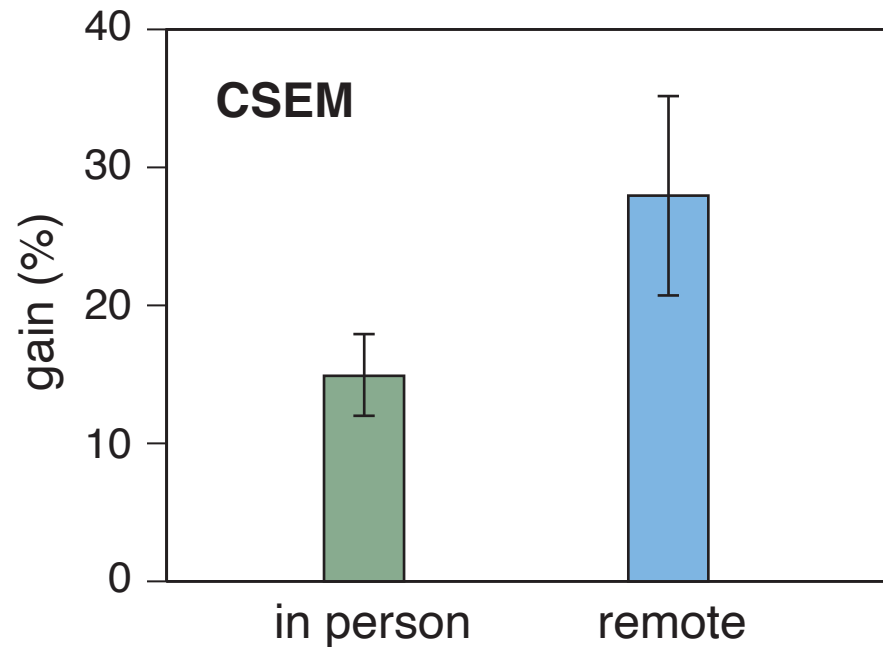
Changes implemented

- **Minimize sync/instructor-paced**
- **Personalize instruction**
- **Specifications Grading**

Fall Content Learning Gain



Spring Content Learning Gain



Self Efficacy

belief in ability to succeed in a certain domain

Doubling of

- content learning gains
- physics self-efficacy gains

Research Shows Students Falling Months Behind During Virus Disruptions

The abrupt switch to remote learning wiped out academic gains for many students in America, and widened racial and economic gaps. Catching up in the fall won't be easy.

Improved

- sense of growth and autonomy
- sense of support and community
- course evaluation



I did my best teaching ever remotely!

Research Shows Students Falling Months Behind During Virus Disruptions

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3 results



I did my best teaching ever remotely!

So, now what?

Building together





Project Fairs



Revert back?

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course Canvas page: bit.ly/erics_course

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