

ME 327: Design and Control of Haptic Systems Spring 2020

Interactive Session 1: Introductions

Allison M. Okamura Stanford University

How will this work as an online class?

Communications

Pre-recorded lectures (approx. 45 minutes twice a week)

Interactive sessions (approx. 30 minutes twice a week)

Office hours (approx. 8 hours a week)

Canvas discussion boards

Zoom Etiquette

For interactive sessions

For office hours

Live Polling

Today we will try Poll Everywhere

go to pollev.com/haptics

or

text **haptics** to 22333 once to join and then text your response (response might be a letter, a word, etc.)

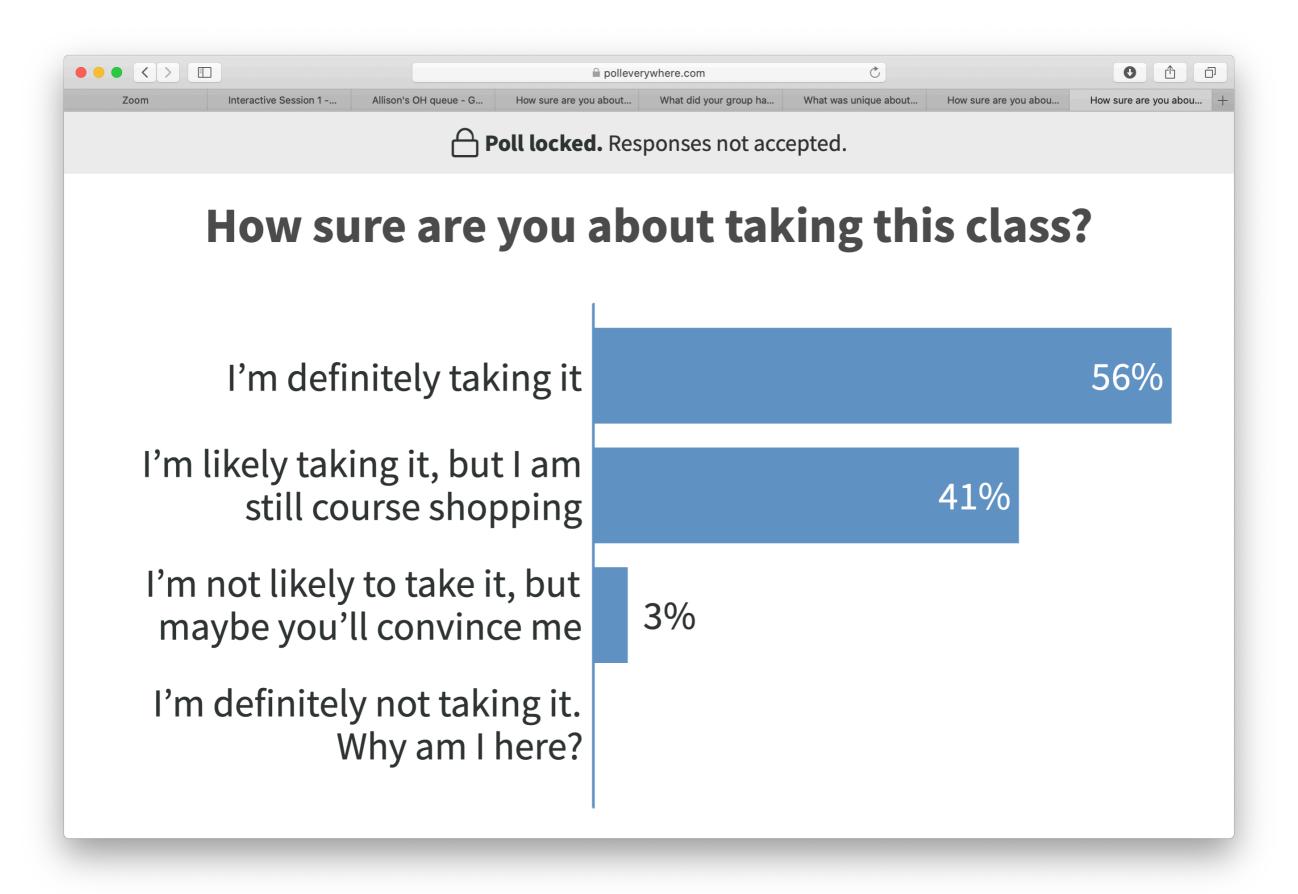
How sure are you about taking this class?

I'm definitely taking it

I'm likely taking it, but I am still course shopping

I'm not likely to take it, but maybe you'll convince me

I'm definitely not taking it. Why am I here?



Assessments

50% Assignments (one each week)

30% Quizzes (total of 3)

20% Group Activities(paper presentation and haptic demo)

need 50% on each component for an "S"

Hapkits

We will mail each student a Hapkit (\$50 course fee to offset hardware cost paid via Axess)



Teaching Staff

Allison Okamura

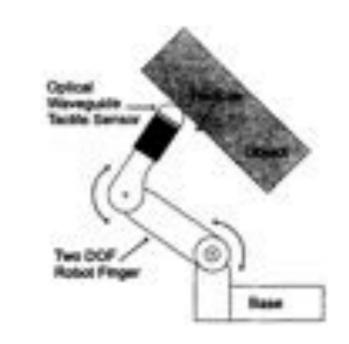
(call me Allison!)

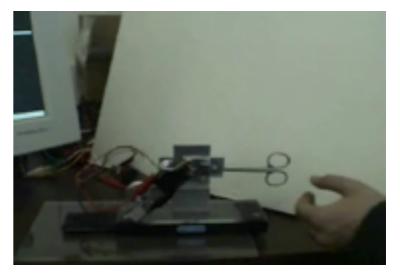
BS ME UC Berkeley 1994 MS ME Stanford 1996 PhD ME Stanford 2000

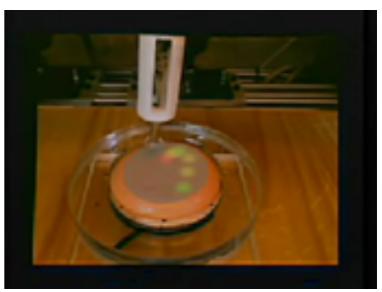
Moonlighting at Immersion

Johns Hopkins 2000-2011

Stanford 2011-present

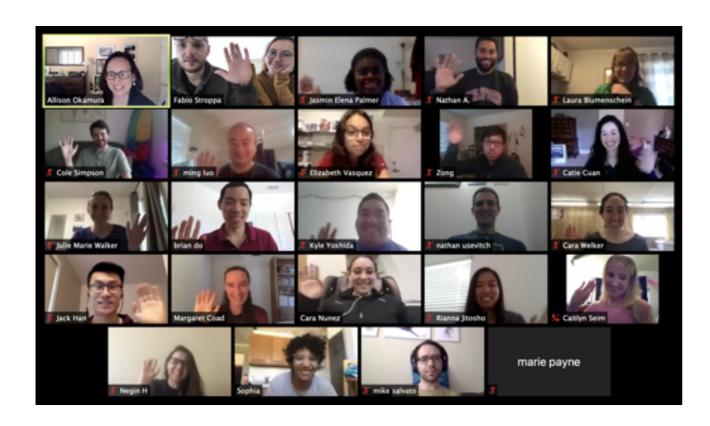






Allison Okamura

Collaborative Haptics and Robotics in Medicine Lab





Warning: Interactive sessions may be interrupted by my kids!



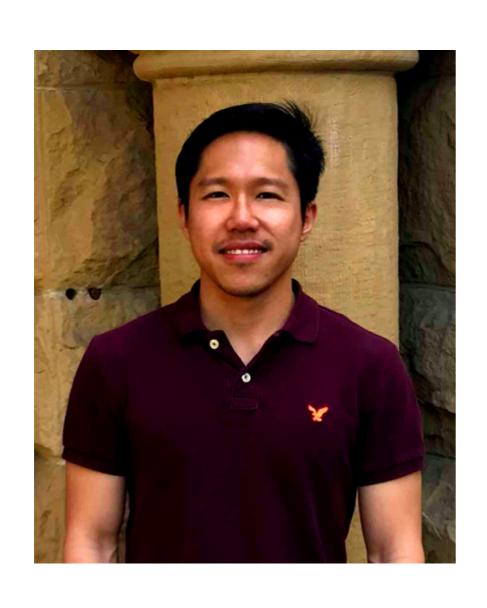
Brandon Ritter (call him Brandon!)



BS ME Stanford
Graduating with his
MS this quarter

More from Brandon...

Zonghe Chua (call him Zong!)



BS ME Illinois

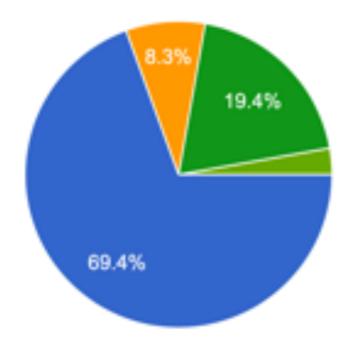
3rd year PhD student

Collaborating with Intuitive Surgical to understand the role of haptics in surgery and surgical training

You

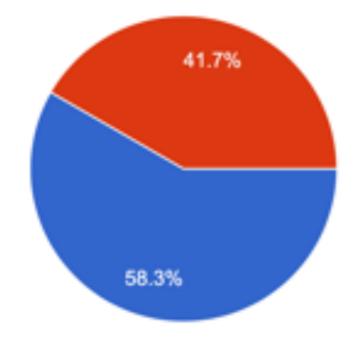
What is your timezone? Please select one of the time zones below, or choose "Other" and specify your time zone and GMT +/- hours.

36 responses



- Pacific Daylight Time (PDT): GMT -7 hours
- Mountain Daylight Time (MDT): GMT -6 hours
- Central Daylight Time (CDT): GMT -5...
- Eastern Daylight Time (EDT): GMT -4...
- China Standard Time (CST): GMT +8...
- Korea Standard Time (KST): GMT +9...
- Central European Summer Time (CES...
- GMT -7

Do you have access to reliable Internet connectivity? 36 responses



- Yes
- Yes, but sometimes spotty
- Barely (I can download videos but not have interactive video)
- No (I cannot download videos)
- Don't know

Breakout Rooms

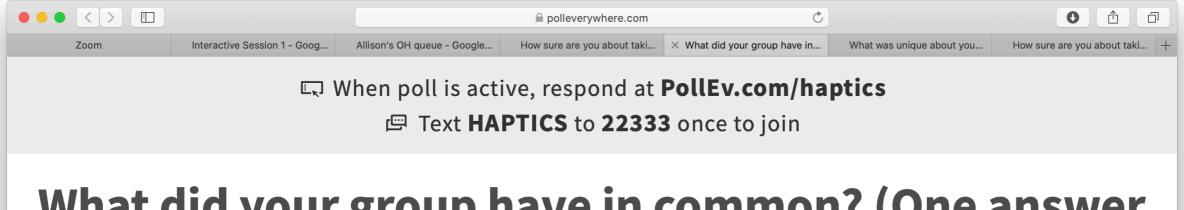
Now we will try splitting you into groups of approximately 4 students, and having you engage in a breakout session

In this session, figure out:

What is one thing you have in common?

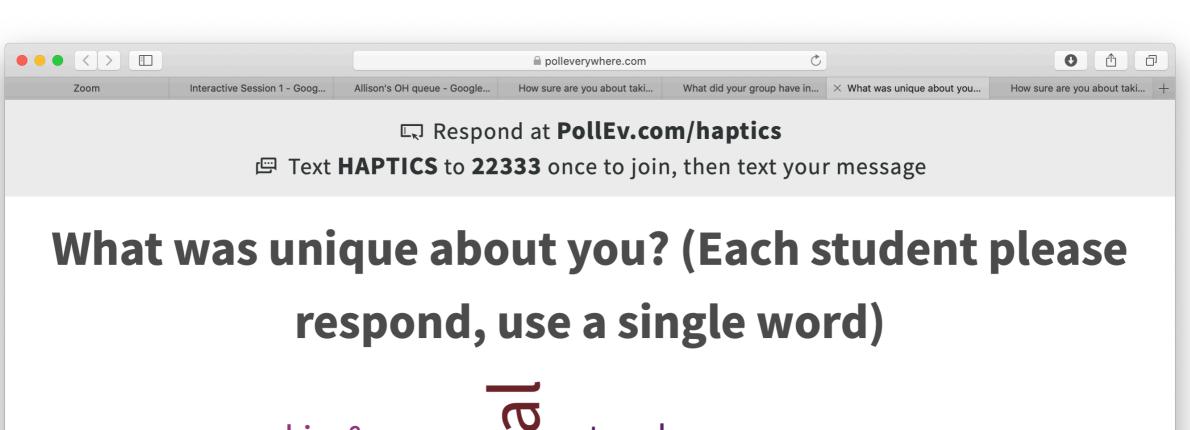
What is one thing unique to each individual in the group?

enter your one-word answer at pollev.com/haptics or [text **haptics** to 22333 once to join and then] text your one-word response



What did your group have in common? (One answer per group, try to use a single word)







That's it!

Make sure to watch the posted lecture videos before Thursday's interactive session

You are welcome to stay for Office Hours/Q&A with Allison until 10 am. Question queue: https://tinyurl.com/HapticsAllison