

Greetings social science researchers,

While in many ways this has been a difficult semester, one silver lining is that we have made great strides in learning how to conduct high-quality behavioral science research in the virtual environment. We are happy to advise about recent best practices. Our participant pool is more active than ever and willing to take Zoom studies. As shown in the "news" section below, we have a team of research assistants who can help you with the studies. And we still have grant money left to allocate to studies. Please consider running studies with us!

With gratitude for the Xlab community, Juliana Schroeder, Xlab Faculty Director Rowilima Balza del Castillo, Xlab Manager

Xlab News: What You Need to Know This Month



## **New Faces at Xlab**

We recently welcomed five undergraduate students as RAs and one additional undergraduate student administrative assistant. They will be working on various projects like updating our website and fundraising in order to improve Xlab's researcher and participant experiences.



## Get to know Xlab on social media

Follow Xlab on our social media platforms! We're active on Facebook, Twitter and Instagram where we promote studies, offer giveaways, showcase your work and more!

Xlab Stats at a Glance: Fall 2020



# **10 STUDIES RUNNING** iii 1010 TOTAL PARTICIPANTS

## A STUDY OF LEARNING TRAJECTORIES FOR THE CODEVELOPMENT OF FRACTION DIVISION UNDERSTANDING AND DEFINING PRACTICE

Researcher: Amelia Farid

#### CHILDREN VS. ADULT REASONING

Researchers: Katherine Kimura, Gopnik

#### **CLOSE RELATIONSHIPS STUDY**

Researchers: Ruth Gichaba, Donald Lyons, Nicole Maksimovic, Aastha Mittal. Nicholas O'Donnell

## COMMUNICATION AMONG STUDENTS **ABOUT THE ELECTION**

Researcher: Woojin Kim

#### **CONSTRUCTIVE FEEDBACK STUDY**

Researchers: Nicole Coates, Ashley Lee, Aastha Mittal, Parth Patel, Jennifer Paul

#### **DUAL CAREER COUPLES STUDY**

Researcher: Charlie Townsend

#### **FOUR LANGUAGE STUDY**

Researchers: Maya Bloemhard, Aastha Mittal, Chenyu Wang, Lila Wright, Weishan Zhang

#### **OVERCLAIMING CREDIT STUDY**

Researchers: Tina Badakhshan, Tory Benson, Stella Ho, Jasmine Lai, Aastha Mittal, Gabby Nguyen, Aida Raza, Leah Selcer, Daniel Stein

#### **SUSTAINABILITY GAME THEORY 2**

Researcher: Chengyi Tu

# **SURVEY ON ENERGY POLICY**

Researcher: Matthew Tarduno

# **Researcher Spotlight**



<u>Laura Kray</u>, the faculty director of the center for equity, gender, and leadership, is a leading expert on gender in the workplace.

Kray took inspiration to study gender biases in the workplace when a student asked her the question of what difference gender makes in negotiation?

"I realized there wasn't really a sound scientific answer and when I went and asked my senior colleagues one response was 'that's not an interesting question'. It was seeing how easily dismissed this question was that motivated me to study it systematically." she explained.

Kray has continued to study gender in the workplace over her 18 years at Haas and now, much of her current research is focused on establishing the gender pay gap amongst MBA graduates.

"We've been able to trace this pay gap and how it grows over time as they progressed through their careers," Kray says. "Just graduating men and women with MBA's out of the same MBA program are earning very comparable wages whereas 10 years later that gap has grown where women are earning about sixty cents on the dollar."

In addition to documenting this gap in the real world, Kray and her team are working to understand the sources behind this gap, breaking down stereotypes and identifying new contributors like men working in larger teams. The Xlab has been a key part of this research.

"We are relying on Xlab to systematically unpack what we think might be going on," Kray says. Without Xlab to help in the recruiting and creating a space that is essential for careful systematic laboratory research, this work wouldn't have been done."

#### What kind of studies does the Xlab currently support?

Although the Xlab is not currently running in-person studies, Xlab supports both online surveys (e.g., using Qualtrics) and virtual lab studies (e.g., on Zoom). Suggested <u>best practices</u> on how to conduct virtual studies via Zoom are available on our <u>website</u>. Xlab can provide researchers with recruitment and payment services. Researchers interested in conducting an online study should mark "Online Experiment" under "Experiment Type" when filling out the <u>Experiment Request Form</u> on the Xlab website.

### How does the Xlab grant process work?

Graduate student researchers can submit an Xlab grant application <a href="here">here</a>. Note that your proposed research does not need to use the Xlab participant pool to receive an <a href="Xlab research grant">Xlab research grant</a>, but priority will be given to research that uses the Xlab pool. There is no maximum amount for award requests. Once you submit your application, it will be reviewed by two faculty and you'll receive a final decision within about two weeks.

## How big is the Xlab participant pool?

The Xlab participant pool includes over 10,000 participants, and is always expanding. It consists of students, staff and alumni from UC Berkeley, who show interest in participating in experiments. When joining the subject pool, participants take a prescreen survey to gather information in order to filter subjects. Participants can be filtered based on: age, sex, race, English proficiency (native English speaker), and expected year of graduation.

## When will the Xlab reopen for in-person studies?

The Xlab is currently applying to reopen in-person. The reopen date is unknown, but we hope it will occur sometime this semester. Please look for the date in future newsletters. When and if the Xlab reopens, there will be substantial changes to the procedures. For instance, we anticipate that the lab facility will be able to accommodate a maximum of 10 participants per session, that all researchers and participants will be screened, undergo temperature checks, wear masks, and use hand sanitizer when entering and leaving the lab, and that the lab facility will be cleaned and sanitized after every experimental session.

Check out our website and follow us on social media!









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