

# Xingyu (Shirley) LIU

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Third-year PhD at the UCSD, studying Experimental Psychology with a specialization in decision making and social cognition. Experienced and passionate in human-subject experimental research design, quantitative statistical analysis, and interdisciplinary research. Ready to translate my research to real-life questions.

## SKILLS

**Research Methods** Experimental Design, Rigorous Hypothesis Testing, Surveys, Interviews, A/B Testing, Large Datasets; Multimodal Data (e.g., interview recording and transcript), Mixed Methods

**Data Analysis Proficient in** R, Multivariate Analyses (T-test, Chi-square, ANOVA, Linear Regression, Logistic Regression, Factor Analysis, Mixed Effects); **Familiar with** SPSS, Python; **Knowledge of** PyTorch

**Survey Tools** Qualtrics, Amazon Turk

## EDUCATION

**PhD (Expected Spring 2025) in Experimental Psychology**

University of California, San Diego

**MSc by Research (2020) in Psychology (Distinction for outstanding thesis)**

University of Edinburgh

**B.A.s (2019) in Psychology and in French (Cum Laude; Distinctions for outstanding theses)**

Pomona College

## RESEARCH AND PROFESSIONAL EXPERIENCE

**Graduate Researcher, University of California, San Diego**

Aug 2020-Present

Decision Making Lab, researcher for Craig McKenzie—La Jolla, CA

- Proposed cognitive mechanisms for 1<sup>st</sup>- and 2<sup>nd</sup>-order preferences and their relation to self-control.
- Developed measures to study whether people see framing effects as mistakes.
- Developing priming tasks that can influence how bicultural individuals set and interpret default options.
- Designing interactive experiments to find evolutionary reasons for why people proselytize.

**Research Fellow, University of California, San Diego**

Sept 2021-Aug 2022

Institute of Practical Ethics (<https://ipe.ucsd.edu/our-researchers/index.html>)—La Jolla, CA

Developed measures that test whether self-nudges are ethical and effective behavioral interventions for increasing self-control, with potential implications for designing choice environments in physical and virtual settings.

**Graduate Researcher, University of Edinburgh**

Sept 2020- Aug 2021

Researcher for René Möttus and Billy Lee—Edinburgh, UK

Designed measures of perceived control and well-being using personality data, and compared the relationship between perceived control and well-being across 42 countries.

**Independent Researcher, Pomona College**

June-July 2018

Grantee for Rosen Travel Grant—Paris, France

Interviewed French strikers and conducted mixed methods analyses on how culture, conformity, and group identity motivate French and American strikers differently.

**Research Assistant, Pomona College**

Sept 2018-May 2019

Neural and Cultural Lab—Claremont, CA

Helped design tasks that can measure cognitive processing styles for how bicultural individuals.

**Psychology Research Intern, Mend, Inc.**

Jan-July 2017

Research and content development (<https://www.lets mend.com/about>)—Santa Monica, CA

Transformed psychological research into blogs that offered users behavioral advice to recover from relationship breakups.

## SELECTED PUBLICATIONS

**Liu, X.S.**, (2021). What motivates us to go on strike? Social and moral norms and their impact on strike participation in individualist and collectivist situations in western cultures. *Journal of European Psychology Students*, 12(1), pp.1–15. <http://doi.org/10.5334/jeps.507>

**Liu, X.S.**, & Möttus, R. (under review). Happy and in control: exploring cultural differences in the relationship across cultures using IPIP dataset. *Personality Science*. <https://psyarxiv.com/c7wsd/>

**Liu, X.S.**, McKenzie, C., McCullough, M., Winkielman, P. (in preparation). Second-order preferences: Origins and implications.

**Liu, X.S.**, Leong, L., McKenzie, C. & Sher, S. (in preparation). Who accepts description invariance?

## GRANTS AND FELLOWSHIPS

2022//PhD Summer Funding Fellowship at the Institute of Practical Ethics, UCSD

2020-Expected2025//Katzin Fellowship for outstanding incoming PhD students, UCSD

2019//Sherwood Heiser Fellowship; William Lincoln Fellowship, Pomona College