

# JIAYI LU

jiayilu@sas.upenn.edu

## ACADEMIC EMPLOYMENT

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### Postdoctoral Fellow

2024-present

Department of Linguistics, University of Pennsylvania

Advisor: Julie Anne Legate

## EDUCATION

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### PhD in Linguistics

2024

Department of Linguistics, Stanford University

Dissertation Committee: Judith Degen (Chair), Michael C. Frank, Daniel Lassiter, Thomas Wasow

### BA in Linguistics, Neuroscience, Integrated Science

2019

*summa cum laude*

Northwestern University

Thesis Committee: Masaya Yoshida (Chair), Shayne Sloggett

### Linguistics Summer Session

2017

Universiteit Utrecht

### The LSA Linguistics Institute

2017

University of Kentucky

## RESEARCH INTERESTS

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(Formal and Experimental) Syntax, Psycholinguistics,

## PUBLICATIONS

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Lu, J., Frank, M., and Degen, J. 2024. Which Islands Sate: a Meta-Analysis. *Glossa Psycholinguistics* 3(1): X, 1-33

Lu, J., Merchan, J., Wang, L., and Degen, J. 2024. Can Syntactic Log-Odds Ratio Predict Acceptability and Satiation?. *Society for Computation in Linguistics* 7(1): 1019

Kim, N., and Lu, J.. 2024. Coordination of Unlike Categories Creates Grammaticality Illusion. *Korean Journal of English Language and Linguistics* 24(1): 52-61

Zhan, M., Chen, S., Levy, R., Lu, J., and Gibson, E. 2023. Rational Sentence Interpretation in Mandarin Chinese. *Cognitive Science* 47(12): e13383.

Kim, N., Li, Z., and Lu, J.. 2023. Island-Sensitivity of Two Different Interpretations of *Why* in Chinese. *Frontiers in Psychology* 13: 1059823.

Lu, J., Wright, N., and Degen, J. 2022. Satiation Effects Generalize Across Island Types. *Proceedings of the 44th Annual Conference of the Cognitive Science Society*: 2724-2730.

Lu, J., and Kim, N. 2022. The Puzzle of Argument Structure Mismatch in Gapping. *Frontiers in Psychology* 13: 907823.

Kim, N., and Lu, J. 2022. Predictive Sentence Processing: Evidence from Passive Relative Clause Processing. *Korean Journal of English Language and Linguistics* 22(1): 70-85.

Kim, N., and Lu, J. 2021. An Illusion of Grammaticality in Wh-Questions. *Korean Journal of Linguistics* 46(3): 607-618.

- Lu, J.**, Lassiter, D., and Degen, J. 2021. Syntactic satiation is driven by speaker-specific adaptation. *Proceedings of the 43rd Annual Conference of the Cognitive Science Society*: 1493-1499.
- Lu, J.**, Thompson, C.K., and Yoshida, M. 2020. Chinese Wh-in-situ and Islands: a Formal Judgment Study. *Linguistic Inquiry* 51(3): 611-623

## UNPUBLISHED MANUSCRIPTS

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\*: Equal contributions

- Lu, J.\***, Pan, D.\*, and Degen, J. *under review*. Evidence for a Discourse Account of Manner-of-Speaking Islands.
- Lu, J.** *under review*. An Adjunction Analysis of Clause Chaining in Turkish.
- Lu, J.** 2022. An Adjunction Analysis of Clause Chaining in Turkish. Second PhD Qualifying Paper advised by Boris Harizanov (Chair), Vera Gribova, and Dan Lassiter.
- Lu, J.** 2021. Satiation as Rapid Syntactic Adaptation. First PhD Qualifying Paper advised by Judith Degen (Chair), Boris Harizanov, and Dan Lassiter

## CONFERENCE PRESENTATIONS

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- Lu, J.**, Legate, J.A., and Yang, C. 2025. Examining the bridge/non-bridge verb distinction in Mandarin Chinese. Poster to be presented at the 38<sup>th</sup> Annual Conference on Human Sentence Processing (HSP), College Park, Maryland.
- Lu, J.**, Papineau, B., Jeong, S., Hernandez, A., Goodwin, E., and Anttila, A. 2025. Interspeaker Variation in Copular Agreement with Disjoined Subjects: an Optimality-Theoretic Account. Talk to be presented at the 2025 Linguistics Society of America (LSA) annual conference, Philadelphia, PA.
- Lu, J.**, Merchan, J., Wang, L., and Degen, J. 2024. Can Syntactic Log-Odds Ratio Predict Acceptability and Satiation?. Poster presented at the 2024 Meeting of the Society for Computation in Linguistics (SCiL), Irvine, California.
- Merchan, J., Wang, L., **Lu, J.**, and Degen, J. 2024. Can Language Model Surprisal Predict Acceptability and Satiation. Poster presented at the 2024 California Meeting on Psycholinguistics (CAMP), Stanford, California.
- Yao, R., **Lu, J.**, and Degen, J. 2024. Perceived interpretability predicts satiability for Complex NP island but not Whether-island. Talk to be presented at the 2024 California Meeting on Psycholinguistics (CAMP), Stanford, California.
- Lu, J.**, Pan, D., and Degen, J. 2024. Evidence for a Discourse Account of Manner-of-Speaking Islands. Talk presented at the 2024 Linguistics Society of America (LSA) annual conference, New York City, New York.
- Pan, D., **Lu, J.**, and Degen, J. 2023. Discourse Foregrounding Ameliorates Manner-of-Speaking Islands. Poster presented at the 36<sup>th</sup> Annual Conference on Human Sentence Processing (HSP), Pittsburg, PA.
- Lu, J.**, and Degen, J. 2023. Which Islands Satiates: a Meta-analysis. Talk presented at the 2023 California Meeting on Psycholinguistics (CAMP), Los Angeles, California.
- Pan, D., **Lu, J.**, and Degen, J. 2023. Can Manner-of-Speaking Islands be Rescued Through Discourse Foregrounding?. Short talk presented at the 2023 California Meeting on Psycholinguistics (CAMP). Los Angeles, CA.
- Lu, J.**, and Degen, J. 2023. Which Island-violating Sentences Satiates: a Meta-analysis. Poster presented at the 2023 Linguistics Society of America (LSA) annual conference, Denver, Colorado.

- Lu, J.**, and Kim, N. 2023. Coordination of Unlike Categories Creates Grammaticality Illusion. Poster presented at the 2023 Linguistics Society of America (LSA) annual conference, Denver, Colorado.
- Lu, J.**, Wright, N., and Degen, J. 2022. Satiation effects generalize across island types. Poster presented at the 44<sup>th</sup> Annual Conference of the Cognitive Science Society, Toronto, Canada.
- Wright, N., **Lu, J.** and Degen, J. 2022. What is the representational target of island satiation effects?. Poster presented at the 35<sup>th</sup> Annual Conference on Human Sentence Processing (HSP), Santa Cruz, California (Online due to COVID-19).
- Lu, J.** and Kim, N. 2022. Maximizing Parallelism in the Processing of Gapping: Evidence from Argument Structure Mismatches. Poster presented at the 2022 Linguistics Society of America (LSA) annual conference, Washington, D.C.
- Lu, J.** 2021. Reducing conjunct islands to adjunct islands: Evidence from Turkish. Talk presented at the 2021 Linguistics Society of America (LSA) annual conference, San Francisco, California (Online due to COVID-19).
- Lu, J.**, Lassiter, D., and Degen, J. 2021. Satiation of Island Constraints is Partially Syntactic Adaptation, Talk presented at the 2021 Linguistics Society of America (LSA) annual conference, San Francisco, California (Online due to COVID-19).
- Lu, J.**, Walenski, M., and Thompson, C.K. 2019. EEG Evidence for Different Syntactic Expectations in Parsing Chinese Subject and Object-relative Clauses, Poster presented at the International Brain and Syntax Think Tank, Evanston, Illinois.
- Lu, J.**, Thompson, C.K., and Yoshida, M. 2019. Examining Argument-Adjunct Asymmetry of Island Effect in Mandarin Chinese, Poster presented at the 2019 Linguistics Society of America (LSA) annual conference, New York City, New York.
- Lu, J.**, Thompson, C.K., and Yoshida, M. 2018. Chinese Wh-in-situ and Islands: a Formal Judgment Study, Poster presented at the 2018 Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Berlin, Germany.
- Lu, J.**, Walenski, M., and Thompson, C.K. 2018. EEG Evidence for Different Syntactic Expectations in Parsing Chinese Subject and Object-relative Clauses, Poster presented at 2018 Society of Neurobiology of Language (SNL) annual conference, Quebec City, Canada.
- Lu, J.** and Ward, G. 2018. *Verb Meaning and Subject-Position Zero-Pronoun Comprehension in Mandarin Chinese*, Talk presented at 2018 Southern California Undergraduate Linguistics Conference (SCULC), Los Angeles, California.
- Lu, J.** 2017. Processing Asymmetry in Mandarin Chinese Relative Clauses: A Literature Review and Suggestions for Future Studies, Poster presented at the 2017 Great Lakes Expo for Experimental and Formal Undergraduate Linguistics Conference (GLEEFUL), East Lansing, Michigan.

## INVITED TALKS

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| <b>Discourse Effects on the Manner-of-Speaking Island</b><br>Speech and Sentence Processing Lab, University of California, Santa Cruz     | <i>2024</i> |
| <b>An Adjunction Analysis of Clause Chaining in Turkish</b><br>Syntax and Semantics Circle (SSCircle), University of California, Berkeley | <i>2023</i> |
| <b>Discourse Effects on the Manner-of-Speaking Island</b><br>Language and Cognition Lab, Sungkyunkwan University, South Korea             | <i>2023</i> |
| <b>Discourse Effects on the Manner-of-Speaking Island</b><br>School of Foreign Studies, Nanjing University, China                         | <i>2023</i> |

## AWARDS, SCHOLARSHIPS, AND GRANTS

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Centennial Teaching Assistant Award, Stanford University	2023
Graduate Research Opportunity Grant (\$4,850), Stanford University	2023
Departmental Research Grant (\$1,000), Stanford University Department of Linguistics	2020
<i>Phi Beta Kappa</i> , Northwestern University	2019
Community Service Award, Northwestern University Integrated Science Program	2019
Fletcher Undergraduate Research Award, Northwestern University	2017
Abraham Demoz Prize in Linguistics, Northwestern University	2017
Academic Year Undergraduate Research Grant (\$1,000 each), Northwestern University	2017, 2019
GLEEFUL Conference Travel Award, Michigan State University	2017
Excellence in Mathematics by a First Year Student, Northwestern University	2016
Dean's List: 2015 Fall to 2019 Spring (12 Quarters), Northwestern University	2015 - 2019

## SERVICE

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### Journal Reviewer

Canadian Journal of Linguistics, Journal of Linguistics, Journal of Memory and Language, Natural Language & Linguistic Theory, PLOS One, University of Georgia Working Papers in Linguistics.

### Conference Reviewer

Linguistics Society of America Annual Meeting (LSA) 2025, West Coast Conference on Formal Linguistics (WCCFL) 2022-2023, California Meeting on Psycholinguistics (CAMP) 2021-2025, Annual Conference of the Cognitive Science Society (CogSci) 2022 - 2024.

### Conference Organizing Committees

6th California Meeting on Psycholinguistics (CAMP 6)	2024
40th West Coast Conference on Formal Linguistics (WCCFL 40)	2022

### Departmental Service

QP Fest Committee, Stanford Department of Linguistics	2023
Undergraduate mentor TA, Stanford Department of Linguistics	2022 - 2024
Colloquium Committee, Stanford Department of Linguistics	2021 - 2022
Application reviewer and mentor, Stanford CSLI Summer Internship Program	2021 - 2022
Coordinator for Stanford Syntax and Morphology Circle (SMircle)	2020 - 2022
Social Committee, Stanford Department of Linguistics	2019 - 2020
Weinberg College Student Advisory Board, Northwestern University	2018 - 2019
Integrated Science Program Student Programming Board, Northwestern University	2018 - 2019
Coordinator for Syntax Club, Northwestern University Department of Linguistics	2017 - 2019

## TEACHING AND MENTORING EXPERIENCE

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### As Primary Instructor:

#### University of Pennsylvania

LING 2500: Introduction to Syntax	2024 Fall
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#### Stanford University

LINGUIST 196: Introduction to Undergraduate Research	2023 Winter, Fall
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LINGUIST 195A: Undergraduate Research Workshop	2023 Winter, Spring, 2024 Winter, Spring
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#### Northwestern University

GEN-LA 298: Alternative Science: Pseudoscience, Parascience, and Fringe Science *2018 Spring*

**As Teaching Assistant:**

**Stanford University**

LINGUIST 130B: Introduction to Lexical Semantics (Instructor: Cleo Condoravdi) *2024 Spring*

LINGUIST 121A: The Syntax of English (Instructor: Bonnie Krejci) *2023 Spring*

LINGUIST 130: Introduction to Semantics and Pragmatics (Instructor: Chris Potts) *2022 Winter*

LINGUIST 145: Introduction to Psycholinguistics (Instructor: Judith Degen) *2020 Fall*

**Undergraduate Students Mentored:**

Jonathan Merchan (Stanford University) *2023 Summer*

Lian Wang (Stanford University) *2023 Spring, Summer*

Ruoqing Yao (College of William and Mary, through the Stanford CSLI program) *2022 Summer*

Nicholas Wright (College of William and Mary, through the Stanford CSLI program) *2021 Summer*

**OTHER RESEARCH EXPERIENCE**

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**Massachusetts Institute of Technology (Advisor: Ted Gibson)** *2018*

Summer Research Intern

**Northwestern University (Advisor: Masaya Yoshida)** *2017-2019*

Research Assistant

**Northwestern University (Advisor: Cynthia K. Thompson)** *2016-2019*

Research Assistant

**SKILLS**

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**Languages**

Mandarin Chinese (native), English (fluent),  
Turkish (research knowledge), Japanese (research knowledge),  
Samoan (research knowledge)

**Programming Languages**

Python, javascript, HTML, WebPPL

**Softwares and Tools**

L<sup>A</sup>T<sub>E</sub>X, R, ELAN, Praat, OTSoft