

Jessica Lin

PHD · DEPARTMENT OF LINGUISTICS

Georgetown University, Washington, DC

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Education

Georgetown University

Washington, DC

PHD COMPUTATIONAL LINGUISTICS

2020 - 2025

- Advisor: Amir Zeldes
- Committee: Amir Zeldes, Nathan Schneider, Massimo Poesio
- Dissertation: *Entity Salience in Discourse: A Computational and Corpus Approach*

Georgetown University

Washington, DC

MS LINGUISTICS - COMPUTATIONAL LINGUISTICS TRACK

2020 - 2023

- Advisor: Amir Zeldes
- GPA: 3.89/4.0

National Taiwan University

Taipei, Taiwan

MA LINGUISTICS

2017 - 2020

- Advisor: Shu-Kai Hsieh
- Committee: Shu-Kai Hsieh, Alvin Cheng-Hsien Chen, Yu-Yun Chang
- Thesis: *Predicting Dark Humor in Internet Memes: A Computational and Cognitive Approach*
- GPA: 3.73/4.0

National Taiwan Normal University

Taipei, Taiwan

BA APPLIED CHINESE LANGUAGE AND CULTURE

2013 - 2017

- GPA: 3.86/4.0

Professional Experience

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| Aug 2024 - Dec 2024 | Graduate Researcher , Department of Linguistics, Georgetown University
<i>Annotation Lead & Language Data Collection & NLP Engineering</i> |
| Jan 2023 - May 2023 | Graduate Researcher , Department of Linguistics, Georgetown University
<i>Information Extraction & NLP Engineering</i> |
| Aug 2021- Dec 2021 | Corpus Resources Coordinator , Department of Linguistics, Georgetown University
<i>Corpus Maintenance & User Support</i> |
| Aug 2020- Dec 2020 | Graduate Researcher , Department of Linguistics, Georgetown University
<i>Language Data Collection & Management</i> |
| Jan 2019 - June 2019 | Research Assistant , Lab of Ontologies, Language Processing and E-Humanities, National Taiwan University
<i>Chinese Wordnet Project</i> |
| July 2018 - Aug 2018 | Student Assistant , Graduate Institute of Linguistics, National Taiwan University
<i>2018 Team Taiwan Cultivation Project for International Linguistics Olympiad</i> |

Peer-Reviewed Publications _____

IN REVIEW

Amir Zeldes, **Jessica Lin**. 2025. “What Makes an Entity Salient in Discourse?”
Submitted to *Corpus Linguistics and Linguistic Theory*

Jessica Lin, Amir Zeldes. 2025. “Expect the Unexpected? Testing the Surprisal of Salient Entities”.

PUBLISHED

Jessica Lin, Amir Zeldes. 2025. “GUM-SAGE: A Novel Dataset and Approach for Graded Entity Saliency Prediction”. In: *Findings of the Association for Computational Linguistics: ACL 2025*. Vienna, Austria, pp.438-455.

Yang Janet Liu, Tatsuya Aoyama, Wesley S Scivetti, Yilun Zhu, Shabnam Behzad, Lauren Elizabeth Levine, **Jessica Lin**, Devika Tiwari, Amir Zeldes. 2024. “GDTB: Genre Diverse Data for English Shallow Discourse Parsing across Modalities, Text Types, and Domains”. In: *Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP 2024)*. Miami, Florida, USA, pp.12287–12303.

Jessica Lin, Amir Zeldes. 2024. “GUMsley: Evaluating Entity Saliency in Summarization for 12 English Genres”. In: *Proceedings of the 18th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2024)*. St. Julian’s, Malta, pp.2575–2588.

Tatsuya Aoyama, Shabnam Behzad, Luke Gessler, Lauren Levine, **Jessica Lin**, Yang Janet Liu, Siyao Peng, Yilun Zhu, Amir Zeldes. 2023. “GENTLE: A Genre-Diverse Multilayer Challenge Set for English NLP and Linguistic Evaluation”. In: *Proceedings of the 17th Linguistic Annotation Workshop (LAW) (LAW 2023)* at ACL 2023. Toronto, Canada, pp.166-178.

Jessica Lin. 2022. “Leveraging World Knowledge in Implicit Hate Speech Detection”. In: *Proceedings of the 2nd Workshop on NLP for Positive Impact (LAW 2023)* at EMNLP 2022. Abu Dhabi, UAE, pp.31-39.

Jessica Lin, Amir Zeldes. 2021. “WikiGUM: Exhaustive Entity Linking for Wikification in 12 Genres”. In: *Proceedings of the Joint 15th Linguistic Annotation Workshop (LAW) and 3rd Designing Meaning Representations (DMR) Workshop (LAW-DMR)* at EMNLP 2021. Punta Cana, Dominican Republic, pp.170-175.

Yi-Ju Lin, Shu-Kai Hsieh. 2019. “The Secret to Popular Chinese Web Novels: A Corpus-Driven Study”. In: *Proceedings of 2nd Language, Data and Knowledge (LDK 2019)*. Leipzig, Germany, pp.24:1-24:8.

Awards & Grants _____

GRANTS

2024	The Graduate School of Arts & Sciences (GSAS) -GradGov Research Project Award , The Graduate School of Arts & Sciences, Georgetown University	\$ 500
2024	The Graduate School of Arts & Sciences Travel Conference Awards , The Graduate School of Arts & Sciences, Georgetown University	\$ 500
2024	Department of Linguistics Conference Travel Grant , Department of Linguistics, Georgetown University	\$ 1,000

AWARDS

- 2020 **Linguistic Society of Taiwan Best M.A. Thesis Award**, Linguistic Society of Taiwan
- 2016 **National Taiwan Normal University Academic Excellence Award**, National Taiwan Normal University
- 2015 **National Taiwan Normal University Excellent Students Scholarship**, National Taiwan Normal University

Presentations

INVITED TALKS

- July. 2025. *GUM-SAGE: A Novel Dataset and Approach for Graded Entity Salience Prediction*. Conference talk at ACL 2025.
- Mar. 2024. *GUMsley: Evaluating Entity Salience in Summarization for 12 English Genres*. Conference talk at EACL 2024.
- Dec. 2022. *Leveraging World Knowledge in Implicit Hate Speech Detection*. Conference talk at LAW 2022 (Online).
- Nov 2021. *WikiGUM: Exhaustive Entity Linking for Wikification in 12 Genres*. Conference talk at LAW-DMR 2021 (Online).
- May 2019. *The Secret to Popular Chinese Web Novels: A Corpus-Driven Study*. Conference talk at LDK 2019.

Teaching Experience

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|---------------------------|---|----------------|
| Fall 2023,
Spring 2025 | Introduction to Natural Language Processing, Teaching Assistant | Washington, DC |
| Spring 2021 | Introduction to Linguistics, Teaching Assistant | Washington, DC |
| Spring 2016 | Online Chinese Teaching Course, Student Drill Instructor | Taipei, Taiwan |

Professional Service

REVIEWER

- 2025 **Association for Computational Linguistics (ACL) 2025 Student Research Workshop**, Reviewer
- 2025 **Association for Computational Linguistics (ACL) Rolling Review**, Reviewer
- 2025 **Journal of Visualized Experiments**, Reviewer

VOLUNTEER

- 2024 **European Chapter of the Association for Computational Linguistics (EACL) 2024**, Student Volunteer St. Julian's, Malta

ORGANIZER

- 2023 **The Georgetown University Round Table on Linguistics (GURT)/SyntaxFest 2023 Conference**, Student Organizer Washington, DC

Skills

PROGRAMMING SKILLS

Python, R, SPSS

LINGUISTIC RESEARCH TOOLS

PRAAT, ELAN

WEB DESIGN/MARKUP

HTML/CSS, XML, Django

LANGUAGES

Native: Mandarin Chinese

Fluent: English

Intermediate: Japanese