

Lindia Tjuatja

Email: lindiat@andrew.cmu.edu
Website: lindiatjuatja.github.io

RESEARCH INTERESTS	Evaluation and interpretability, psycholinguistics, NLP for underrepresented and endangered languages
EDUCATION	<div><div>Carnegie Mellon University, Pittsburgh, PA Ph.D. in Language Technologies, School of Computer Science Advisor: Graham Neubig</div><div>2022-</div></div> <div><div>University of Texas at Austin, Austin, TX B.S. Electrical and Computer Engineering Honors B.A. Linguistics</div><div>2018-2022</div></div>
WORK	<div><div>Apple Inc., Cambridge, MA AIML (Responsible AI) Research Intern Evaluated LLMs on their ability to augment unlabeled datasets with novel topics within safety-related contexts</div><div>May-Aug 2025</div></div>
AWARDS	<div><div><ul style="list-style-type: none">• Dean’s Distinguished Graduate (UT College of Liberal Arts)• Darrel K. Royal Presidential Scholarship (UT Linguistics)• T.J. Whaley Scholarship (Cockrell School of Engineering)</div><div><div>May 2022</div><div>2021-2022</div><div>2018-2022</div></div></div>
PUBLICATIONS	<div><div>Lindia Tjuatja and Graham Neubig. 2025. BEHAVIORBOX: Automated Discovery of Fine-Grained Performance Differences Between Language Models <i>To appear at ACL 2025 (Main).</i></div></div> <div><div>Lindia Tjuatja, Graham Neubig, Tal Linzen, Sophie Hao. 2025. What Goes Into a LM Acceptability Judgment? Rethinking the Impact of Frequency and Length <i>In Proceedings of NAACL 2025 (Main).</i></div></div> <div><div>Lindia Tjuatja*, Valerie Chen*, Tongshuang Wu, Ameet Talwalkar, and Graham Neubig. 2024. Do LLMs Exhibit Human-like Response Biases? A Case Study in Survey Design <i>In Transactions of the Association of Computational Linguistics.</i></div></div> <div><div>Michael Ginn*, Lindia Tjuatja*, Taiqi He, Enora Rice, Graham Neubig, Alexis Palmer, Lori Levin. 2024. GlossLM: Multilingual Pretraining for Low-Resource Interlinear Glossing <i>In Proceedings of EMNLP 2024 (Main).</i></div></div> <div><div>Lindia Tjuatja, Emmy Liu, Lori Levin, and Graham Neubig. 2023. Syntax and Semantics Meet in the “Middle”: Probing the Syntax-Semantics Interface of LMs Through Agentivity <i>In Proceedings of the 12th Joint Conference on Lexical and Computational Semantics.</i></div></div>

Taiqi He*, **Lindia Tjuatja***, Nathaniel Robinson, Shinji Watanabe,
David R. Mortensen, Graham Neubig, Lori Levin. 2023.
SigMoreFun Submission to the SIGMORPHON Shared Task on Interlinear Glossing
In Proceedings of the 20th SIGMORPHON Workshop.

Lindia Tjuatja, Shruti Rijhwani, and Graham Neubig. 2021.
Explorations in Transfer Learning for OCR Post-Correction
In Widening NLP Workshop-Accepted Papers.

TALKS	[CMU] 11-711 Advanced NLP Guest Lecture 2024 <i>Linguistics and Computational Linguistics</i>
	[UT Austin] Social Applications and Impact of NLP Guest Speaker 2024 <i>Do LLMs exhibit human-like response biases? A case study in survey design</i>
	[Ontario Tech University] Advanced Topics in NLP Guest Lecture 2023 <i>Unlocking Resources for Understudied and Endangered Languages</i>
	Linguistic Society of America Annual Meeting 2023 <i>Affectedness Without Change-of-State: The Case of English Dispositional Middles</i> With John Beavers and Venus Shirazy.
SERVICE	CMU LTI Student Research Seminar , Pittsburgh, PA Apr 2025 Student organizer for the LTI student research seminar, an annual event where students submit and present their work, along with alumni guest speakers.
	CMU LTI Seminar and Hackathon on LLMs , Pittsburgh, PA Apr 2023 Organizer for a two-day event of talks, panels, and a hackathon on large language models with over 200 in-person attendees.
TEACHING	Graduate Teaching Assistant , CMU <ul style="list-style-type: none"> • Ethics, Safety, and Social Impact in NLP and LLMs (Instructor: Maarten Sap, Spring 2025) • Advanced Natural Language Processing (Instructor: Graham Neubig, Fall 2023)
	Undergraduate Teaching Assistant , UT Austin Aug 2020-Dec 2021 Department of ECE, Department of Linguistics <ul style="list-style-type: none"> • LIN313 Language and Computers (Instructor: Jessy Li, Fall 2020) • EE351K Probability and Random Processes (Instructor: Sanjay Shakkottai, Spring 2021) • EE4445S Real-Time Digital Signal Processing (Instructor: Brian Evans, Fall 2022)