Lindia Tjuatja

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

RESEARCH INTERESTS	Evaluation and interpretability, psycholinguistics, NLP for underrepresented and endangered languages

EDUCATION

Carnegie Mellon University, Pittsburgh, PA — 2022-
Ph.D. in Language Technologies, School of Computer Science
Advisor: Graham Neubig

University of Texas at Austin, Austin, TX — 2018-2022
B.S. Electrical and Computer Engineering Honors
B.A. Linguistics

WORK

Apple Inc., Cambridge, MA — May-Aug 2025
AIML (Responsible AI) Research Intern
Evaluated LLMs on their ability to augment unlabeled datasets with novel topics within safety-related contexts

AWARDS

- Dean's Distinguished Graduate (UT College of Liberal Arts) — May 2022
- Darrel K. Royal Presidential Scholarship (UT Linguistics) — 2021-2022
- T.J. Whaley Scholarship (Cockrell School of Engineering) — 2018-2022

FIRST-AUTHOR PUBLICATIONS

Lindia Tjuatja and Graham Neubig. 2025.
BEHAVIORBOX: Automated Discovery of Fine-Grained Performance Differences Between Language Models
To appear at ACL 2025 (Main).

Lindia Tjuatja, Graham Neubig, Tal Linzen, Sophie Hao. 2025.
What Goes Into a LM Acceptability Judgment? Rethinking the Impact of Frequency and Length
In Proceedings of NAACL 2025 (Main).

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
In Transactions of the Association of Computational Linguistics.

Michael Ginn*, **Lindia Tjuatja***, Taiqi He, Enora Rice, Graham Neubig, Alexis Palmer, Lori Levin. 2024.
GlossLM: Multilingual Pretraining for Low-Resource Interlinear Glossing
In Proceedings of EMNLP 2024 (Main).

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
In Proceedings of the 12th Joint Conference on Lexical and Computational Semantics.

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.

INVITED TALKS

[University of Pittsburgh] Linguistics Colloquium 2025
Linguistic judgments of language models: Probability, acceptability, and agentivity

[UT Austin] Computational Linguistics Research Seminar 2025
BEHAVIORBOX*: Automated Discovery of Fine-Grained Performance Differences*

[CMU] 11-711 Advanced NLP Guest Lecture 2024
Linguistics and Computational Linguistics

[UT Austin] Social Applications and Impact of NLP Guest Speaker 2024
Do LLMs exhibit human-like response biases? A case study in survey design

[Ontario Tech University] Advanced Topics in NLP Guest Lecture 2023
Unlocking Resources for Understudied and Endangered Languages

Linguistic Society of America Annual Meeting 2023
Affectedness Without Change-of-State: The Case of English Dispositional Middles
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

- 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
- 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)