

ELIZABETH BEAR

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Elizabeth Bear

Education

2022 - Present **PhD** in Computational Linguistics at University of Tübingen, Department of Linguistics

2018 - 2021 **Master** in Computational Linguistics at University of Tübingen

2011 - 2012 **Master** in Teaching English to Speakers of Other Languages (TESOL) at Boston University

2004 - 2008 **Bachelor** of Arts in Linguistics and Psychology at McGill University

Research Experience

2025 - Present **Research associate** at the IWM

2021 - 2025 **Research associate** at University of Tübingen, Hector Research Institute of Education Sciences and Psychology

June 2024 **Visiting researcher** at University of Groningen, Department of Applied Linguistics

2018 - 2021 **Student assistant** at University of Tübingen, Department of Linguistics

Third-Party Funding (last 5 years)

Language Learning Dissertation Grant, "Fostering intercultural communicative competence through a task-based conversational agent: A school-based intervention", 09.2024 – 09.2025, \$2000 USD

LEAD Graduate School and Research Network Intramural Research Grant, "Can state-of-the-art commercial ASRs be used for ICALL systems with spoken language?", 01.2022 – 06.2023, €9,100

Awards and Honors

Deutschlandstipendium, University of Tuebingen, 2019–2020

10 Most Relevant Publications

- **Bear, E.**, Chen, X., & Meurers, D. (2024). Writing style in a second language: Exploring individual differences in linguistic complexity in a large-scale corpus. In K. Ackerley & E. Castello (Eds.), *Continuing learner corpus research: Challenges and opportunities. Selected papers from the Sixth Learner Corpus Research Conference* (pp. 325-357). Presses universitaires de Louvain. <https://pul.uclouvain.be/book/?GCOI=29303100485770>
- **Bear, E.**, Chen, X., Souto, D. V., Ribeiro-Flucht, L., Rudzewitz, B., & Meurers, D. (2024). Designing a task-based conversational agent for EFL in German schools: Student needs, actions, and perceptions. *System*, 126, 103460. <https://doi.org/10.1016/j.system.2024.103460>

- **Bear, E.**, Bodnar, S., Chen, X. (2023). Learner and linguistic factors in commercial ASR use for spoken language practice: A focus on form. *Proc. 9th Workshop on Speech and Language Technology in Education (SLaTE)*, 161-165. <https://doi.org/10.21437/SLaTE.2023-31>
- **Bear, E.**, & Chen, X. (2023). Evaluating a conversational agent for second language learning aligned with the school curriculum. In N. Wang, G. Rebolledo-Mendez, V. Dimitrova, N. Matsuda, & O.C. Santos (Eds.), *Artificial Intelligence in Education. Posters and Late Breaking Results, Workshops and Tutorials, Industry and Innovation Tracks, Practitioners, Doctoral Consortium and Blue Sky. AIED 2023. Communications in Computer and Information Science* (Vol. 1831, pp. 142-147). Springer. https://doi.org/10.1007/978-3-031-36336-8_22
- Chen, X., **Bear, E.**, Hui, B., Santhi-Ponnusamy, H., & Meurers, D. (2022). Education theories and AI affordances: Design and implementation of an intelligent computer assisted language learning system. In M.M. Rodrigo, N. Matsuda, A.I. Cristea, & V. Dimitrova (Eds.), *Artificial Intelligence in Education. Posters and Late Breaking Results, Workshops and Tutorials, Industry and Innovation Tracks, Practitioners' and Doctoral Consortium. AIED 2022. Lecture Notes in Computer Science* (Vol. 13356, pp. 582-585). Springer. https://doi.org/10.1007/978-3-031-11647-6_120
- Quixal, M., Rudzewitz, B., **Bear, E.**, & Meurers, D. (2021). Automatic annotation of curricular language targets to enrich activity models and support both pedagogy and adaptive systems. In D. Alfter, E. Volodina, I. Pilan, J. Graën, & L. Borin (Eds.), *Proceedings of the 10th Workshop on NLP for Computer Assisted Language Learning* (pp. 15-27). LiU Electronic Press. <https://aclanthology.org/2021.nlp4call-1.2.pdf>
- **Bear, E.**, Hoefels, D. C., & Manolescu, M. (2020). TueMix at SemEval-2020 Task 9: Logistic regression with Linguistic Feature Set for Sentiment Analysis of Code-Mixed Social Media Text. *Proceedings of the Fourteenth Workshop on Semantic Evaluation*, 1316-1321. <https://aclanthology.org/anthology-files/pdf/semeval/2020.semeval-1.178.pdf>

Teaching / Supervisor Experience

Bear, E. (Winter semester 2024/2025). *Quantitative Survey Methods Accompanying Seminar*. Seminar (Bachelor). University of Tübingen.