

Alex Warstadt

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PhD student

New York University

Department of Linguistics

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Date: March 19, 2019

Education

- 2017-** **PhD Student in Linguistics, New York University**
Co-Advisors: Chris Barker, Samuel R. Bowman
- 2011–2015** **A.B. Linguistics, Brown University**
magna cum laude, with honors, GPA – 3.97
Thesis title: *Right-node Wrapping* [\[pdf\]](#), Advisor: Pauline Jacobson
- 2011–2015** **A.B. Music, Brown University**
magna cum laude, GPA – 3.97
theory, composition, history of Western music

Papers (*=conference proceedings)

- *2019** **Verb Argument Structure Alternations in Word and Sentence Embeddings.** [\[pdf\]](#)
With Katharina Kann, Adina Williams, Samuel R. Bowman. *Proceedings of SCiL 2.*
- 2019** **Grammatical Analysis of Pretrained Sentence Encoders with Acceptability Judgments.** [\[pdf\]](#)
With Samuel R. Bowman. *ArXiv preprint.*
- 2018** **Neural Network Acceptability Judgments.** [\[pdf\]](#)
With Amanpreet Singh and Samuel R. Bowman. *ArXiv preprint.*

- *2015 **Right-node wrapping: A combinatory account.** [\[pdf\]](#)
In Proceedings for ESSLLI 2015, Workshop ‘Empirical Advances in Categorical Grammar’

- 2015 **The Syntax of Coordination and Discontinuity in Categorical Grammar.** [\[pdf\]](#)
Unpublished manuscript, presented at Tri-College Undergraduate Linguistics Conference

Presentations

- 2019 **Verb Argument Structure Alternations in Word and Sentence Embeddings.**
With Katharina Kann, Adina Williams, Samuel R. Bowman. *Poster presented at SCiL 2.*

- 2019 **Non-Resolving Responses to Polar Questions.**
With Omar Agha. *Talk given at SYNC.*

- 2018 **Just Refuses to Answer the QUD.**
Talk given at NYU Semantics Group.

- 2018 **Acceptability Judgments from a Neural Network.**
With Samuel R. Bowman. *Talk given at Annual Meeting of the LSA.*

- 2015 **Right-node wrapping: A combinatory account.**
Talk given at ESSLLI Workshop “Empirical Advances in Categorical Grammar”.

- 2015 **The Syntax of Coordination and Discontinuity in a Combinatory Categorical Grammar.**
Talk given at Tri-College Undergraduate Linguistics Conference.

Awards & Grants

- 2019 **NSF Computer and Information Science and Engineering Research Initiation Initiative**
\$175,000, 24 months
For: Can Low-Bias Machine Learners Acquire English Grammar? Deep Learning and Linguistic Acceptability.
Samuel R. Bowman (PI), Alex Warstadt

- 2017-2022** **McCracken Fellowship**
5 years, NYU internal
- 2015** **Outstanding Work in the Linguistics Concentration**
- 2015** **Sigma Xi scientific research society**
- 2014** **Phi Beta Kappa**
- 2014** **Undergraduate Teaching and Research Award (UTRA)**
\$3570, 3 months, Brown University internal
- 2011** **Valedictorian, Sharon High School**

Research-Related Work

- 2018** **Lambda Calculator, Java development**
under Prof. Lucas Champollion
Computer programming for automatic semantic formula parsing.
- 2016** **Sentence and Discourse Processing Lab, Brown University**
under Dr. Laura Kertz.
Assisted with experimental design and the design of stimuli, ran experiment with participants

Teaching Experience

- 2019** **Teaching Assistant, Language (LING-UA 1.005), NYU**
Professor Gary Thoms

Service

- 2018-** **Served on Colloquium Committee, NYU Linguistics**

Industry Experience

- 2016-2017 R&D Engineer, IPsoft, Inc., New York, NY**
Implemented conversation engine Amelia for Swedish and German, developed language-agnostic syntactic representation for NLP.
- 2015-2016 Java Developer, IBM Watson Health, Yorktown Heights, NY**
Educated team members in and documented NLP algorithms in medical text analysis pipeline.

Technologies

Expert Python, Java, LaTeX, Regex
Proficient NLTK, Pytorch, Linux, Git
Beginner R, Scala, ML

Languages

Native English
Proficient Spanish
Beginner German
Fieldwork Q'anjob'al (Mayan)