

ALICIA PARRISH

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EDUCATION

- New York University, Ph.D in Linguistics** September 2017 - September 2022
Dissertation: *The interaction between conceptual combination and linguistic structure*
- Michigan State University, M.A. in Linguistics** August 2014 - June 2017
Thesis: *Incremental processing effects in nominal compounds*
- Illinois State University, B.A. in Psychology** August 2006 - June 2010
Graduated *magna cum laude*. Minor concentrations in Cognitive Science and French

WORK EXPERIENCE (RESEARCH)

- Google** September 2022 - present
Research Scientist, Responsible AI
New York, New York
- Facebook (via Pro Unlimited)** Summer 2020
Linguist, Assistant Engineering Team
Redmond, WA (remote)

OTHER RESEARCH EXPERIENCE & PROFESSIONAL DEVELOPMENT

- NYU Machine Learning for Language Lab** Fall 2020 - Spring 2022
Lab member
New York, NY
- NYU Neuroscience of Language Lab** Fall 2017 - Spring 2022
Lab member
New York, NY
- NYU Child Language Lab** Fall 2017 - Spring 2022
Lab member
New York, NY
- Genetics and the Neurobiology of Language** Summer 2018
Intensive summer course student
Cold Spring Harbor, NY
- MSU Neurolinguistics Lab** Fall 2014 - Spring 2017
Lab member
East Lansing, MI
- MSU Semantics Group** Spring 2015
Lab member
East Lansing, MI

GRANTS & FELLOWSHIPS

- National Science Foundation** March 2022
Doctoral Dissertation Research Improvement Grant (Amount: \$16,740)
Project: *The interaction between conceptual combination and linguistic structure*
- NYU Graduate School of Arts and Sciences** 2017-2022
MacCracken Fellowship
- NYU Graduate School of Arts and Sciences** Fall 2017, Fall 2019
Dean's travel grant
- MSU Cognitive Science Program** Summer 2015
Summer Research Fellowship Award

PUBLICATIONS – PEER REVIEWED PAPERS

- 2022** *Parrish, A., *Trivedi, H., Nangia, N., Padmakumar, V., Phang, J., Saimbhi, A. S., Bowman, S. R. Two-Turn Debate Does Not Help Humans Answer Hard Reading Comprehension Questions. In *Proceedings of the 2022 NeurIPS Machine Learning Safety Workshop*. *Equal contribution. **Best paper award.**
- *Parrish, A., *Trivedi, H., *Perez, E., Chen, A., Nangia, N., Phang, J., Bowman, S. R. Single-Turn Debate Does Not Help Humans Answer Hard Reading-Comprehension Questions. In *Proceedings of the ACL 2022 Workshop on Learning from Natural Language Supervision (LNLS)*. *Equal contribution
- *Pang, R. Y., *Parrish, A., *Joshi, N., Nangia, N., Phang, J., Chen, A., Padmakumar, V., Ma, J., Thompson, J., He H., Bowman, S. R. QuALITY: Question Answering with Long Input Texts, Yes! In *Proceedings of the North American Association of Computational Linguistics (NAACL 2022)*. *Equal contribution.
- Parrish, A., Chen, A., Htut, P. M., Nangia, N., Padmakumar, V., Phang, J., Thompson, J., Bowman, S. R. BBQ: A Hand-Built Bias Benchmark for Question Answering. To appear in *Findings of the Association for Computational Linguistics (ACL 2022)*.
- Parrish, A. & Pylkkänen (2021) Conceptual combination in the LATL with and without syntactic composition. *Neurobiology of Language*. https://doi.org/10.1162/nol_a.00048.
- 2021** *Parrish, A., *Schuster, S., *Warstadt, A., Agha, O., Lee, S.-H., Zhao, Z., Bowman, S. R., Linzen, T. (2021). NOPE: A Corpus of Naturally-Occurring Presuppositions in English. *Proceedings of the SIGNLL Conference on Computational Natural Language Learning (CoNLL) 2021*. *Equal contribution.
- Parrish, A., Huang, W., Agha, O., Lee, S.-H., Nangia, N., Warstadt, A., Aggarwal, K., Allaway, E., Linzen, T., & Bowman, S. (2021). Does Putting a Linguist in the Loop Improve NLU Data Collection? *Findings of the conference on Empirical Methods in Natural Language Processing (EMNLP 2021)*.
- 2020** Warstadt, A., Parrish, A., Liu, H., Mohananey, A., Peng, W., Wang, S. F., Bowman, S. (2020) BLiMP: The Benchmark of Linguistic Minimal Pairs for English. *Transactions of the Association for Computational Linguistics*. <https://arxiv.org/abs/1912.00582>.
- 2019** *Warstadt, A., *Cao, Y., *Grosu, I., *Peng, W., *Blix, H., *Nie, Y., *Alsop, A., *Bordia, S., *Liu, H., *Parrish, A., *Wang, S. F., *Phang, J., *Mohananey, A., *Htut, P. M., *Jeretič, P., & Bowman, S. R. (2019). Investigating BERT’s knowledge of language: Five analysis methods with NPIs. *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019*. *Equal contribution. <https://arxiv.org/abs/1909.02597>
- *Durvasula, K. & *Parrish, A. (2019) Is there phonological feature priming? *Linguistics Vanguard*. *Equal contribution. DOI: 10.1515/lingvan-2018-0041.

PUBLICATIONS – PEER REVIEWED ABSTRACTS

- 2020 Parrish, A.**, Cournane, Ailís. (2020). A within-subjects comparison of the acquisition of quantity-related inferences. In *Proceedings of the Linguistics Society of America*, 5(1). (pp. 558–572). <https://doi.org/10.3765/plsa.v5i1.4731>.
- 2019 Parrish, A.** & Feldscher C. (2019) On the structure of splitting verbs in Yoruba. *Proceedings of the 47th Annual Conference on African Linguistics*. <http://doi.org/10.5281/zenodo.3367183>.

MANUSCRIPTS – UNPUBLISHED & IN PROGRESS

Michael, J., Holtzman, A., **Parrish, A.**, Mueller, A., Wang, A., Chen, A., Madaan, D., Nangia, N., Pang, R. Y., Phang, J., & Bowman, S. R. What Do NLP Researchers Believe? Results of the NLP Community Metasurvey. Preprint link: <https://arxiv.org/abs/2208.12852>.

Parrish, A., Rodriguez, A., Pylkkänen, L. Non-Local Conceptual Combination. Preprint link: <https://www.biorxiv.org/content/10.1101/2022.12.11.519989v1>

Parrish, A. (2017) Incremental processing effects in nominal compounds. Unpublished MA thesis, Michigan State University.

COLLEGE TEACHING EXPERIENCE

Primary Instructor at New York University	
Language	Summer 2019
Teaching Assistant / Course Assistant at New York University	
Neural Bases of Language	Fall 2020
Morphology	Spring 2020
Patterns in Language	Fall 2019
Language	Spring 2019
Language & Mind	Fall 2018

COMMUNITY ACTIVITIES & LEADERSHIP EXPERIENCE

Community Help in Park Slope	March 2018 - June 2020
Volunteer with the Frances Residency Program	Brooklyn, NY
The Listening Ear Crisis Intervention Center	July, 2015 - July 2017
Volunteer	Lansing, MI
<ul style="list-style-type: none">• April 2016 - July 2017: Training staff• November 2015 - March 2017: Publicity coordinator• July 2015 - July 2017: Crisis counselor	
MSU Cognitive Science Program	August 2014 - August 2017
Program Assistant	East Lansing, MI
Heartland Alliance	January 2014 - July 2014
Volunteer ESL Teacher	Chicago, IL

United States Peace Corps

July 2010 - August 2013

Volunteer

Republic of Benin

- August 2012 - August 2013: Population Services International Technical Assistant
- July 2010 - August 2012: English teacher

Metcalf Junior High

September 2007 - April 2010

Volunteer Circus Coach

Normal, IL

AWARDS & HONORS

Presidential Volunteer Service Award

September 2017

Gold Level Award

Washington, D.C.

Illinois State University

Spring 2010

Graduated *Magna Cum Laude*

Normal, IL

Illinois State University

Spring 2009

“Grammie Award” for outstanding work in Linguistics

Normal, IL

PROFESSIONAL SERVICE

Reviewing

- ACL Rolling Review 2022
- SCiL 2021
- CoNLL (named outstanding reviewer) 2021
- Psycholinguistics in Iceland: Parsing & Prediction (conference) 2019
- SYNC annual conference 2017–2021
- GLEEFUL Undergraduate Linguistics Conference at MSU 2016–2017

Conference organization

- Lead organizer, SYNC graduate student conference 2019
- Hospitality committee co-chair, NWA 47 2018
- Organizing Committee, Grad Linguistics Expo at Michigan State 2015–2017
- Organizing Committee, 21st Mid-Continental Phonetics and Phonology Conference (held at Michigan State University) 2015–2016

Committee service

- Student liaison, Program Committee, Linguistics Society of America 2019–present
- Vice President, Linguistics Association at NYU 2018–2019
- Colloquium committee co-chair, MSU Linguistics Student Association 2016–2017
- Graduate Judiciary Committee, MSU Council of Graduate Students 2016–2017
- Full Council Representative, MSU Council of Graduate Students 2016–2017
- Treasurer, MSU Linguistics Student Organization 2015–2016
- Scribe, MSU Linguistics Student Organization 2015–2016

Undergraduate relations

- Volunteer teaching assistant, NYU AI School 2021–2022
- Mentor to undergraduate researcher, University Undergraduate Research and Arts Forum (Michigan State University) 2016
- Student judge, University Undergraduate Research and Arts Forum (Michigan State University) 2015, 2017

Professional memberships

- Linguistics Society of America
- Society for the Neurobiology of Language
- Association for Computational Linguistics

TECHNICAL SKILLS

Language skills

- English: native
- French: advanced high (ACTFL)
- Yoruba: elicitation only

Computer skills

- Software: PsychoPy, Praat, Excel, ASA Lab, Amazon Mechanical Turk
- Scripting: R, Python, SQL, MATLAB, L^AT_EX, HTML/CSS

Experimental Methods

- MEG (child and adult participants)
- ERP (RSVP and auditory)
- Self-paced reading
- Priming (cross-modal and uni-modal)
- Acceptability judgment survey (child and adult participants)
- Lexical decision task
- Sensicality judgment task