

ALICIA PARRISH

10 Washington Place, New York, NY 10003
alicia.v.parrish@nyu.edu ◊ aliciaparrish.com

EDUCATION

New York University, Ph.D in Linguistics August 2017 - May 2022 (expected)
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

RESEARCH EXPERIENCE & PROFESSIONAL DEVELOPMENT

NYU Machine Learning for Language Lab Spring 2021 - present
Lab member New York, NY
Facebook (via Pro Unlimited) Summer 2020
Linguist, Assistant Engineering Team Redmond, WA (remote)
NYU Neuroscience of Language Lab Fall 2017 - present
Lab member New York, NY
NYU Child Language Lab Fall 2017 - present
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

PUBLICATIONS – PEER REVIEWED

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. To appear in the *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? To appear in *Findings of the conference on Empirical Methods in Natural Language Processing (EMNLP 2021)*.

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>.

- 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 – MINIMAL OR NO PEER REVIEW

- 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

[submitted] **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. arXiv preprint: <https://arxiv.org/abs/2110.08193>

[in prep. for resubmission] Muller, H., Gaston, P., Dickerson, B., Liter, A., Durvasula, K., Goodhue, D., Hirzel, M., Hitczenko, K., Kandel, M., Lyskawa, P., Nelligan, J., **Parrish, A.**, & Perkins, L. Gender bias in representation and publishing rates across subfields of linguistics.

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 Unpublished MA thesis, Michigan State University.

PRESENTATIONS

- 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. Talk to be presented at the SIGNLL Conference on Computational Natural Language Learning (CoNLL) 2021.
- 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? Poster to be presented as Findings of the Conference on Empirical Methods in Natural Language Processing (EMNLP 2021).

2020 Parrish, A., Abrams, E., Phillips, S. & Pylkkänen, L. (2020, October) Processing speech in- and out-of-context. Poster presented virtually at the 12th Annual Meeting of the Society for the Neurobiology of Language (SNL).

Phillips, S., Abrams, E., **Parrish, A.** & Pylkkänen, L. (2020, October) Evaluating laterality of spoken word recognition and basic composition in adults and children with MEG. Poster presented virtually at the 12th Annual Meeting of the Society for the Neurobiology of Language (SNL).

Hauptman, M., Abrams, E., Phillips, S., **Parrish, A.**, Geguera, G., Pylkkänen, L. (2020, October). Investigating the spatiotemporal dynamics of speech production in children. Poster presented virtually at the 12th Annual Meeting of the Society for the Neurobiology of Language (SNL).

Parrish, A. & Cournane, A. (2020, March). *A within-subjects comparison of the acquisition of quantity-related inferences*. Poster presented virtually at the 33rd Annual CUNY Conference on Human Sentence Processing, Amherst, MA.

Warstadt, A., **Parrish, A.**, Liu, H., Mohananey, A., Peng, W., Wang, S. F., & Bowman, S. (2020, January). *BLiMP: A Benchmark of Linguistic Minimal Pairs for English*. Talk presented at the Society for Computation in Linguistics (SCiL), New Orleans, LA, USA.

Parrish, A. & Cournane, A. (2020, January). *The acquisition of quantity-related inferences in 4 and 5 year olds*. Talk presented at the 94th Annual Meeting of the Linguistics Society of America, New Orleans, LA, USA.

***Parrish, A.** & *Durvasula, K. (2020, January). *Evidence against phonological and phonetic feature priming*. Poster presented at the 94th Annual Meeting of the Linguistics Society of America, New Orleans, LA, USA. *Equal contribution.

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. (2019, November). *Investigating BERT's knowledge of language: Five analysis methods with NPIs*. Paper presented at the Conference on Empirical Methods in Natural Language Processing (EMNLP), Hong Kong, China. *Equal contribution.

Parrish, A. & Pylkkänen, L.. (2019, October) *Conceptual composition without syntax and syntax without conceptual composition – Support from LATL and LIFG activation in sentence processing with MEG*. Poster presented at the International Brain & Syntax Thinktank, Evanston, IL, USA.

Parrish, A. & Pylkkänen, L. (2019, August) *Composition without syntax or plausibility: LATL conceptual combination occurs in the absence of syntactic phrase closure or semantic plausibility*. Poster presented at the 11th Annual Meeting of the Society for the Neurobiology of Language, Helsinki, Finland.

Parrish, A. & Pylkkänen, L. (2019, June) *Early conceptual combination occurs in the absence of syntactic phrase closure*. Talk presented at the workshop Psycholinguistics in Iceland: Parsing & Prediction (PiPP), Reykjavík, Iceland.

Smith, K., **Parrish, A.** & Beretta, A. (2019, June) *Predictions, commitments, and revisions in Icelandic split-head compound processing*. Talk presented at the workshop Psycholinguistics in Iceland: Parsing & Prediction (PiPP), Reykjavík, Iceland.

2018 Parrish, A. & Durvasula, K. (2018, January) *Does priming tap into phonological features?*. Poster presented at The 92nd Annual Meeting of the Linguistic Society of America, Salt Lake City, UT, USA.

2017 Parrish, A. (2017, December) *An ERP study of working memory effects as they build across consecutive nominal constituents*. Talk presented at the SYNC 2017, Yale University, New Haven, CT, USA.

Parrish, A., Smith, K., & Beretta, A. (2017, November). *Incremental working memory effects across consecutive nominal constituents: An ERP study*. Poster presented at The 9th Annual Meeting of the Society for the Neurobiology of Language, Baltimore, MD, USA.

Parrish, A., Kelley, P., Smith, K., Cong, Y. & Beretta, A. (2017, November). *Prosodic lengthening and boundary prediction in nominal compounds: An ERP study*. Poster presented at The 9th Annual Meeting of the Society for the Neurobiology of Language, Baltimore, MD, USA.

Smith, K., **Parrish, A.** & Beretta, A. (2017, November). *Incremental commitment and revision in Icelandic compound processing*. Poster presented at The 9th Annual Meeting of the Society for the Neurobiology of Language, Baltimore, MD, USA.

Parrish, A. (2017, February). *Incremental effects of gender agreement in nominal compounds - An ERP study*. Talk presented at the Graduate Linguistics Expo At Michigan State, East Lansing, Michigan, USA.

2016 Parrish, A., Kelley, P., Smith, K., Gagné, C., & Beretta, A. (2016, October). *Nominal Compounds: Relational Frequency Effects in Sentential Contexts*. Poster presented at The Tenth International Conference on the Mental Lexicon, Ottawa, Ontario, Canada.

Parrish, A., Kelley, P., & Beretta, A. (2016, August). *Plausibility and Agreement Effects of Adjectives on Noun-Noun Compounds in Icelandic: An ERP Study*. Poster presented at The 8th Annual Meeting of the Society for the Neurobiology of Language, London, England.

Parrish, A., Kelley, P., & Beretta, A. (2016, April). *Interactions of plausibility and gender agreement in nominal compounds: An ERP study of adjective-driven split-head interpretations of Icelandic noun-noun compounds*. Poster presented at the Cognitive Science Program Spring Poster Session, Michigan State University, East Lansing, Michigan, USA.

Parrish, A. (2016, April). *Vikings who gulp beer mugs*. Talk presented at the Linguistics and Languages Alumni Reunion, Michigan State University, East Lansing, Michigan, USA.

Parrish, A. & Feldscher C. (2016, March). *The adverb “tún” and insights into Yoruba splitting verbs*. Poster presented at the 47th Annual Conference of African Linguistics, University of California Berkeley, Berkeley, California, USA.

Parrish, A. (2016, February). *Semantic plausibility and prediction in English noun-noun compounds*. Talk given at the Graduate Linguistics Expo At Michigan State, Michigan State University, East Lansing, Michigan, USA.

2015 Parrish, A., Durvasula, K. & Beretta, A. (2015, October). *The processing of compounds: Behavioral and ERP investigations*. Talk presented at the Cognitive Science Forum, Psychology Department, Michigan State University, East Lansing, Michigan, USA.

Parrish, A., Jalbert, J. & Beretta, A. (2015, October). *Head commitment and plausibility in English noun-noun compounds*. Poster presented at The 7th Annual Meeting of the Society for the Neurobiology of Language, Chicago, IL, USA.

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

Volunteer with the Frances Residency Program March 2018 - June 2020
Brooklyn, NY

The Listening Ear Crisis Intervention Center

Volunteer July, 2015 - July 2017
Lansing, MI

- April 2016 - July 2017: Training staff
- November 2015 - March 2017: Publicity coordinator
- July 2015 - July 2017: Crisis counselor

MSU Cognitive Science Program

Program Assistant August 2014 - August 2017
East Lansing, MI

Heartland Alliance

Volunteer ESL Teacher January 2014 - July 2014
Chicago, IL

United States Peace Corps

Volunteer July 2010 - August 2013
Republic of Benin

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

Metcalf Junior High

Volunteer Circus Coach September 2007 - April 2010
Normal, IL

AWARDS & HONORS

Graduate School of Arts and Sciences MacCracken Fellowship	2017-2022 New York University
New York University Dean's travel grant	Fall 2017, Fall 2019 New York, NY
Presidential Volunteer Service Award Gold Level Award	September 2017 Washington, D.C.
Cognitive Science Program Summer Research Fellowship Award	Summer 2015 Michigan State University
Illinois State University Graduated <i>Magna Cum Laude</i>	Spring 2010 Normal, IL
Illinois State University "Grammie Award" for outstanding work in Linguistics	Spring 2009 Normal, IL

PROFESSIONAL SERVICE

Conference abstract reviewing

- SCiL 2021
- CoNLL (named outstanding reviewer) 2021
- Psycholinguistics in Iceland: Parsing & Prediction 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, NWAV 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
- 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