Sarah Moeller

smoeller@ufl.edu
sarahrmoeller.github.io

EDUCATION

Ph.D. Linguistics and Cognitive Science   2021
University of Colorado Boulder

M.A. Linguistics   2020
University of Colorado Boulder

M.A. Applied Linguistics   2010
Dallas International University

B.A. History   2002
Thomas Edison State University

ACADEMIC POSITIONS

Assistant Professor   2021-present
Department of Linguistics, University of Florida

Graduate Instructor   2020
Department of Linguistics, University of Colorado Boulder

Research Assistant   2017-2021
Computational Language and Education Research (CLEAR), University of Colorado Boulder

Adjunct Faculty   2011-2016
Dallas International University

INDUSTRY EXPERIENCE

Project Manager Intern   2018
Language Software Development (LSDev), SIL International

Linguistics Knowledge Engineer   2011-2015
Language Computer Corporation (LCC), Richardson, Texas

English as a Foreign Language Teacher & Russian-English Interpreter 2002-2008
Self-employed

PROFESSIONAL AND COMMUNITY SERVICE

Coordinator   2022-present
NLP@UF Working Group, University of Florida

Board Member, Ethics Review Committee   2022-present
International Literacy and Development (ILAD)

President 2023-2025
Association of Computational Linguistics Special Interest Group on Endangered Languages (SIGEL)

Secretary 2020-2022
Association of Computational Linguistics Special Interest Group on Endangered Languages (SIGEL)

Program Committee 2023
Sixth Workshop on Computational Methods for Endangered Languages (ComputEL-6)

Program Chair and Computational Track Chair 2020-2022
Fourth & Fifth Workshop on Computational Methods for Endangered Languages (ComputEL-4 & ComputEL-5)

Reviewer
Association for Computational Linguistics Rolling Review *2022-present*
North American Chapter of the Association for Computational Linguistics (NAACL) *2021*
European Chapter of the Association for Computational Linguistics (EACL) *2021*
Empirical Methods in Natural Language Processing (EMNLP) *2020*
Language Resources and Evaluation Conference (LREC) *2019, 2020*
International Workshop on Designing Meaning Representations (DMR) *2019, 2020*
Language Documentation & Conservation (LD&C) *2019*
Americas NLP *2023*

Volunteer English as Second Language Teacher 2000-2013
Classes for refugees and immigrants; Various years and non-profits
St. Louis, MO 2000-2001; Dallas, TX 2010-2013

FELLOWSHIPS, GRANTS, AND AWARDS

Principal Investigator: "Reanimating African American Oral Histories of the Gulf South". National Endowment for Humanities (NEH), Humanities Collections and Reference Resources (PW-277433-21), 2021-2024. $349,990

Principal Investigator, Individual Research Grant. International Literacy and Development (ILAD), 2020. $20,000

Principal Investigator: *Graduate Student Grant with Supplemental Award for Undergraduate Research Experience*, 2019. Center for Advancement of Teaching in Social Sciences (CARTSS)

PROFESSIONAL MEMBERSHIPS

Association for Computational Linguistics (ACL)
ACL Special Interest Group for Endangered Languages (SIGEL)
ACL Special Interest Group for Typology (SIGTYP)

SELECTED PUBLICATIONS

Shengyu Liao, **Sarah Moeller**, and Beth Bryson. Morphological Data Generation from FLEx. In *Proceedings of the Sixth Workshop on the Use of Computational Methods in the Study of Endangered Languages*, Remote, March 2023. Association for Computational Linguistics.

Harrison Santiago, Joshua Martin, **Sarah Moeller**, and Kevin Tang. Disambiguation of morpho-syntactic features of African American English – the case of habitual be. In *Proceedings of the Second Workshop on Language Technology for Equality, Diversity and Inclusion*, pages 70–75, Dublin, Ireland, May 2022. Association for Computational Linguistics. doi: 10.18653/v1/2022.ltedi-1.9. URL https://aclanthology.org/2022.ltedi-1.9.

Moeller, Sarah and Mans Hulden. Integrating automated segmentation and glossing into language documentation and description. In *ComputEL-4*, Honolulu, HI, 2021.

Moeller, Sarah, Ling Liu, and Mans Hulden. To POS tag or not to POS tag: The impact of POS tags on morphological learning in low-resource settings. In *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (Volume 1: Long Papers)*, pages 966–978, 2021.

Moeller, Sarah, Ling Liu, Changbing Yang, Katharina Kann, and Mans Hulden. IGT2P: From Interlinear Glossed Texts to Paradigms. In *EMNLP*, pages 5251–5262, 2020a.

Graham Neubig, ... **Sarah Moeller** ..., and Patrick Littell. A Summary of the First Workshop on Language Technology for Language Documentation and Revitalization. In *Proceedings of the 1st Joint Workshop on Spoken Language Technologies for Under-resourced languages (SLTU) and Collaboration and Computing for Under-Resourced Languages (CCURL)*, pages 342–351, Marseille, France, 2020.

Moeller, Sarah, Irina Wagner, Martha Palmer, Kathryn Conger, and Skatje Myers. The Russian PropBank. In *LREC*, pages 5997–6004, Marseille, France, 2020b.

Moeller, Sarah, Ghazaleh Kazeminejad, Andrew Cowell, and Mans Hulden. Improving Low-Resource Morphological Learning with Intermediate Forms from Finite State Transducers. In *Proceedings of the Workshop on Computational Methods for Endangered Languages (ComputEL-3)*, volume 1, Honolulu, HI, 2019.

Moeller, Sarah, Ghazaleh Kazeminejad, Andrew Cowell, and Mans Hulden. A Neural Morphological Analyzer for Arapaho Verbs Learned from a Finite State Transducer. In *Proceedings of the Workshop on Computational Modeling of Polysynthetic Languages*, pages 12–20, Santa Fe, New Mexico, USA, 2018.

Moeller, Sarah and Mans Hulden. Automatic Glossing in a Low-Resource Setting for Language Documentation. In *Proceedings of the Workshop on Computational Modeling of Polysynthetic Languages*, pages 84–93, Santa Fe, New Mexico, USA, 2018.

Moeller, Sarah, Antonios Anastasopoulos, Antti Arppe, Aditi Chaudhary, Atticus Harrigan, Josh Holden, Jordan Lachler, Alexis Palmer, Shruti Rijhwani, and Lane Schwartz, editors. *Proceedings of the Fifth Workshop on the Use of Computational Methods in the Study of Endangered Languages*. Association for Computational Linguistics, Dublin, Ireland, May 2022. URL https://aclanthology.org/2022.computel-1.0.

CLASSES & WORKSHOPS

Language and Computers	2023
(Computational) Methods for Language Documentation	2023
Computational Linguistics	2022
Language Documentation	2022
Languages of the World	2021, 2022
Python Programming for Linguistics	2020,2021,2022
Introduction to Grammatical Analysis	2015

SKILLS

Languages	English (native)
	Russian (fluent)
	Georgian, French, Latin, Koine Greek (beginner)
	Lezgi, Ngambay, Tsakhur, Arapaho (structural knowledge)
Technical	Python (scikit-learn, Keras), regex, LaTeX, Figma. Familiar with: R, Java, C, SQL