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Steven Moran

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EMPLOYMENT

2024–   **University of Zurich**
Scientific director, Linguistic Research Infrastructure (LiRI)

2023–2025   **University of Miami**
Associate professor, Department of Anthropology

2020–2026   **University of Neuchâtel**
Assistant professor, Institute of Biology
Director of the Language Evolution Lab
Principal investigator of Swiss National Science Foundation project: EVOPHON

2012–2020   **University of Zurich**
Postdoc in Language and Space Lab (2020)
Postdoc and instructor in Department of Comparative Linguistics (2012–2019)
Postdoc and technical project manager in ERC ACQDIV (2014–2019)

2013–2014   **University of Marburg**
Postdoc in ERC QuantHistLing, Forschungszentrum Deutscher Sprachatlas

2010–2012   **University of Munich**
Research assistant in ERC QuantHistLing

2005–2010   **University of Washington**
Instructor in Department of Linguistics (2007–2010)
Technical project manager in UW RRF PHOIBLE (2009)
Research assistant in NSF GOLD (2008)
Research assistant at UW Information Technology (2007–2008)
Research assistant at UW Language Learning Center (2005–2007)

2001–2005   **Eastern Michigan University**
Technical project manager in NSF E-MELD (2003–2005)
Research assistant and editor at Linguist List (2001–2005)

EDUCATION

2012 University of Washington, Seattle **Ph.D. in Linguistics**
Dissertation: *Phonetics Information Base and Lexicon* [pdf]
Committee: Emily Bender (Co-chair), Richard Wright (Co-chair), Scott Farrar, Sharon Hargus
2006 Eastern Michigan University, **M.A. in Linguistics**
Thesis: *A Grammatical Sketch of Western Sisaala* [pdf]
Committee: Verónica Grondona (Chair), Edward Garrett
2006 Eastern Michigan University, **M.A. Certificate in Language Technology**
2001 Eastern Michigan University, **B.A. with honors in German, Linguistics and TESOL**
2000 Sprachaufenthalt, Volkshochschule, Karlsruhe, Germany
1999 Austauschprogramm Deutsch in Graz, Graz, Austria

JOURNAL PUBLICATIONS

Accepted. Le Floch, Auriane, Cédric Girard-Buttoz, Tanit Souha Azaiez, Natacha Bande, Roman Wittig, Steven Moran, Klaus Zuberbühler and Catherine Crockford. Rule-based sequences in sooty mangabey vocal communication. To appear in *Royal Society Open Science*.

2025 Ekström, Axel G., Fotios Alexandros Karakostis, William D. Snyder and Steven Moran. Rethinking hominin air sac loss in light of phylogenetically meaningful evidence. *Evolutionary Anthropology*, 34(3), e70019. https://doi.org/10.1002/evan.70019.

2025 Ekström, Axel G., Claudio Tennie, Steven Moran and Caleb Everett. The phoneme as a cognitive tool. *Topics in Cognitive Science*. https://doi.org/10.1111/tops.70021.

2025 Friedrichs, Daniel, Axel G. Ekström, Francis Nolan, Steven Moran and Stuart Rosen. Static Spectral Cues Serve as Perceptual Anchors in Vowel Recognition Across a Broad Range of Fundamental Frequencies. *The Journal of the Acoustical Society of America*, 158, 1560–1572. https://doi.org/10.1121/10.0039058.

2025 Sæbø, Lilja Maria, Eitan Grossman and Steven Moran. Tonogenesis: a diachronic typology. *Diachronica*, 42(3–4), 451–478. https://doi.org/10.1075/dia.24022.sae.

2025 Gallot, Quentin, Yves Tillé, Cassandre Depriester, Steven Moran and Klaus Zuberbühler. A primate grammar enabling incremental processing. *iScience*, 28(4), 112229. https://doi.org/10.1016/j.isci.2025.112229.

2025 Ekström, Axel G., Peter Gärdenfors, William D. Snyder, Daniel Friedrichs, Robert C. McCarthy, Melina Tsapos, Claudio Tennie, David S. Strait, Jens Edlund and Steven Moran. Correlates of vocal tract evolution in late Pliocene and Pleistocene hominins. *Human Nature*, 36, 22–69. https://doi.org/10.1007/s12110-025-09487-9.

2025 Silva, Carlos and Steven Moran. Consonant stability in Portuguese-based creoles. *Diachronica*, 42(1), 82–117. https://doi.org/10.1075/dia.23006.sil.

2024 Moran, Steven*, Elad Eisen*, Dmitry Nikolaev* and Eitan Grossman. Operationalizing borrowability: phonological segments as a case study. *Language*, 100(4), 671–698. *Shared first authorship. https://dx.doi.org/10.1353/lan.2024.a947038.

2024 Gallot, Quentin, Cassandre Depriester, Steven Moran and Klaus Zuberbühler. A non-human primate combinatorial system for long-distance communication. *iScience*, 27(11), 111172. https://doi.org/10.1016/j.isci.2024.111172.

2024 Ekström, Axel G., Charlotte Gannon, Jens Edlund, Steven Moran* and Adriano R. Lameira*. Chimpanzee utterances refute purported missing links for novel vocalizations and syllabic speech. *Scientific Reports*, 14, 17135. https://doi.org/10.1038/s41598-024-67005-w. *Shared senior authorship.

2024 Benitez-Burraco, Antonio and Steven Moran. Editorial: The adaptive value of languages: non-linguistic causes of language diversity, volume II. *Frontiers in Psychology*, 15. https://doi.org/10.3389/fpsyg.2024.1387290.

2023 Lameira, Adriano and Steven Moran. Life of p: A consonant older than speech. *BioEssays*, 45(4), 2200246. https://doi.org/10.1002/bies.202200246.

2023 Moran, Steven, Shelece Easterday and Eitan Grossman. Current research in phonological typology. *Linguistic Typology*, 27(2), 223–243. https://doi.org/10.1515/lingty-2022-0069.

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2021 Urban, Matthias and Steven Moran. Altitude and the distributional typology of language structure: ejectives and beyond. *PLoS ONE*, 16(2): e0245522. https://doi.org/10.1371/journal.pone.0245522.

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2019 Blasi, Damián E.*, Steven Moran*, Scott R. Moisik, Paul Widmer, Dan Dediu and Balthasar Bickel. Human sound systems are shaped by post-Neolithic changes in bite configuration. *Science*, 363, 6432. http://dx.doi.org/10.1126/science.aav3218. *Shared first authorship.

2018 Moran, Steven, Damián E. Blasi, Robert Schikowski, Aylin C. Küntay, Barbara Pfeiler, Shanley Allen and Sabine Stoll. A universal cue for grammatical categories in the input to children: frequent frames. *Cognition*, 175, 131–140. https://doi.org/10.1016/j.cognition.2018.02.005.

2018 Benitez-Burraco, Antonio and Steven Moran. Editorial: The Adaptive Value of Languages: Non-Linguistic Causes of Language Diversity. *Frontiers in Psychology*, 9. https://doi.org/10.3389/fpsyg.2018.01827.

2016 Moran, Steven. Commentary: Issues of time, tone, roots and replicability. *Journal of Language Evolution*, 1(1), 73–76. https://doi.org/10.1093/jole/lzv011.

2015 Stoll, Sabine, Taras Zakharko, Steven Moran, Robert Schikowski and Balthasar Bickel. Syn-

tactic mixing across generations in an environment of community-wide bilingualism. *Frontiers in Psychology*. Special Topic: Acquisition in Contact Research, Shannessy Carmel (ed). https://doi.org/10.3389/fpsyg.2015.00082.

2015 McCrae, John, Steven Moran, Sebastian Hellmann and Martin Brümmer. Multilingual Linked Open Data. *Semantic Web*, 6(4), 315–317. https://doi.org/10.3233/SW-150178. http://www.semantic-web-journal.net/system/files/swj1042_0.pdf.

2013 Moran, Steven and Jelena Prokić. Investigating the Relatedness of the Endangered Dogon Languages. *Literary And Linguistic Computing*, 28(4) 676–691. Oxford University Press. https://doi.org/10.1093/llc/fqt061.

2012 Moran, Steven, Daniel McCloy and Richard Wright. Revisiting population size vs phoneme inventory size. *Language*, 88(4): 877–893. https://doi.org/10.1353/lan.2012.0087.

2012 Cysouw, Michael, Dan Dediu and Steven Moran. Comment on "Phonemic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa". *Science*, 335(6069):657. https://doi.org/10.1126/science.1208841.

CONFERENCE & WORKSHOP PROCEEDINGS (PEER-REVIEWED)

2024 Friedrichs, Daniel, Monica Lancheros, Sam Kirkham, Lei He, Andrew Clark, Clemens Lutz, Volker Dellwo and Steven Moran. Temporal Co-registration of Simultaneous Electromagnetic Articulography and Electroencephalography for Precise Articulatory and Neural Data Alignment. In Proceedings of Interspeech 2024, 3120–3124, Kos, Greece. http://doi.org/10.21437/Interspeech.2024-1299.

2024 Samardžić, Tanja, Ximena Gutierrez, Christian Bentz, Steven Moran and Olga Pelloni. A Measure for Transparent Comparison of Linguistic Diversity in Multilingual NLP Data Sets. Findings of the Association for Computational Linguistics (NAACL 2024), 3367–3382, Mexico City, Mexico. https://aclanthology.org/2024.findings-naacl.213/. https://doi.org/10.18653/v1/2024.findings-naacl.213.

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2024 Moran, Steven, Sam Kirkham, Daniel Friedrichs, David Strait, and Axel Ekström. Vocal tract proportions and the evolution of speech: New data to answer old questions. Proceedings of FONETIK (2024), 109–114, Stockholm, Sweden. https://doi.org/10.5281/zenodo.11396092.

2024 Ekström, Axel G., Margarita Briseño-Jaramillo, Carla Pascual-Guàrdia, Melissa Berthet, Kayla Sward, Auriane Le Floch, Franziska Wegdell, Alban Lemasson, Julia Fischer, Adrian Soldati, Daniel Friedrichs, Serge Wich, Sonja Holmer, Alexandra B. Bosshard, Lauren Halenar-Price, Adwait Desphande, Brian M. Shearer, Steven Moran and Jens Edlund. Why only a "great" primate discovered speech: A progress report on evolving vocal repertoires. Proceedings of FONETIK (2024), 101–108, Stockholm, Sweden. https://doi.org/10.5281/zenodo.11396090.

2024 Chodroff, Eleanor, Blaž Pažon, Annie Baker and Steven Moran. Phonetic Segmentation of the UCLA Phonetics Lab Archive. Proceedings of the 2024 Joint International Conference

on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024), 12724–12733, Turin, Italy. https://aclanthology.org/2024.lrec-main.1114.

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2024 Ekström, Axel G., Steven Moran. What phonetics has to say about Neanderthal (*H. Neanderthalensis*) speech capacities. In Proceedings of the International Conference on the Evolution of Language (EVOLANG XV), Madison, WI, USA. https://evolang2024.github.io/proceedings/paper.html?nr=54.

2024 Ekström, Axel G., Lara Nellissen, Tatiana Bortalato, Catherine Crockford, Jens Edlund, Shelly Masi, Klaus Zuberbühler, Adriano R. Lameira, Roman W. Wittig, Sven Grawunder and Steven Moran. Phonetic properties of chimpanzee, gorilla, and orangutan hoots tell a uniform story – and point to new frontiers. In Proceedings of the International Conference on the Evolution of Language (EVOLANG XV), Madison, WI, USA. https://evolang2024.github.io/proceedings/paper.html?nr=102.

2024 Everett, Caleb, Steven Moran and Axel G. Ekström. The phoneme as cognitive technology. In Proceedings of the International Conference on the Evolution of Language (EVOLANG XV), Madison, WI, USA. https://evolang2024.github.io/proceedings/paper.html?nr=11.

2024 Vaughan-Williams, Katherine, Steven Moran and Sam Kirkham. Dimensions of structure and variability in the human vocal tract. In Proceedings of the 13th International Seminar on Speech Production (ISSP 2024), 274–277, Autrans, France. https://www.isca-archive.org/issp_2024/vaughanwilliams24_issp.pdf.

2023 Ekström, Axel G., Steven Moran, Johan Sundberg and Adriano R. Lameira. PREQUEL: Supervised phonetic approaches to analyses of great ape quasi-vowels. In Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023), 3100–3104, Prague, Czech Republic. https://drive.google.com/file/d/15U2l2y4_-9lyZAgmiccQYXYj9zBi_CAu/view. Preprint: https://psyarxiv.com/8aeh4/.

2023 Jiang, Zifan, Adrian Soldati, Isaac Schamberg, Adriano R. Lameira and Steven Moran. Automatic Sound Event Detection and Classification of Great Ape Calls Using Neural Networks. In Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023), 3100–3104, Prague, Czech Republic. https://drive.google.com/file/d/15U2l2y4_-9lyZAgmiccQYXYj9zBi_CAu/view. Preprint: https://arxiv.org/abs/2301.02214.

2022 Moran, Steven, Quentin Gallot, Auriane Le Floch, Marco Maiolini, Adrian Soldati, and Klaus Zuberbühler. Linguistic laws in primate vocal communication. In A. Ravignani et al. (Eds.), Proceedings of the Joint Conference on Language Evolution (JCoLE), 506–513, Kanazawa, Japan. https://evolang.org/jcole2022/proceedings/jcole2022_proceedings.pdf.

2022 Moran, Steven, Marco Maiolini and Adriano Lameira. Great ape vocal repertoires are all similar in size: now what? In A. Ravignani et al. (Eds.), Proceedings of the Joint Conference on Language Evolution (JCoLE), 515–516, Kanazawa, Japan. https://evolang.org/jcole2022/proceedings/jcole2022_proceedings.pdf.

2022 Moran, Steven, Christian Bentz, Ximena Gutierrez-Vasques, Olga Sozinova and Tanja

Samardžić. TeDDi Sample: Text Data Diversity Sample for Language Comparison and Multilingual NLP. In Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022), 1150–1158. http://www.lrec-conf.org/proceedings/lrec2022/pdf/2022.lrec-1.123.pdf.

2020 Lester, Nicholas A., Balthasar Bickel, Steven Moran and Sabine Stoll. Speech Rates Differentiate Nouns and Verbs in Child-Surrounding and Child-Produced Speech: Evidence from Chintang. In M. M. Brown & A. Kohut (Eds.), Proceedings 44th Annual Boston University Conference on Language Development (BUCLD), 280–293. Somerville, MA: Cascadilla Press. http://www.lingref.com/bucld/44/BUCLD44-23.pdf.

2020 Grossman, Eitan, Elad Eisan, Dmitry Nikolaev and Steven Moran. SegBo: A Database of Borrowed Sounds in the World's Languages. In Proceedings of the Twelfth International Conference on Language Resources and Evaluation (LREC 2020), 5316–5322. May 13–15, Marseille, France. http://www.lrec-conf.org/proceedings/lrec2020/pdf/2020.lrec-1.654.pdf.

2020 Jancso, Anna*, Steven Moran* and Sabine Stoll. The ACQDIV Corpus Database and Aggregation Pipeline. In Proceedings of the Twelfth International Conference on Language Resources and Evaluation (LREC 2020), 156–165. May 13–15, Marseille, France. http://www.lrec-conf.org/proceedings/lrec2020/pdf/2020.lrec-1.20.pdf. *Shared first authorship.

2020 Grossman, Eitan, Elad Eisan, Dmitry Nikolaev and Steven Moran. Revisiting the Uniformitarian Hypothesis: Can we detect recent changes in the typological frequencies of speech sounds? In Proceedings of the 13th International Conference on the Evolution of Language (EVOLANG 2020). https://brussels.evolang.org/proceedings/papers/EvoLang13_paper_182.pdf.

2019 Loukatou, Georgia R., Steven Moran, Damián E. Blasi, Sabine Stoll and Alejandrina Cristia. Is word segmentation child's play in all languages? In Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, 3931–3937. July 28 – August 2, Florence, Italy. https://www.aclweb.org/anthology/P19-1383.

2019 Moran, Steven, Nicholas A. Lester, Heath Gordon, Aylin Küntay, Barbara Pfeiler, Shanley Allen and Sabine Stoll. Variation Sets in Maximally Diverse Languages. In Proceedings 43rd annual Boston University Conference on Language Development (BUCLD). November 2–4, Boston, USA. Cascadilla Press. http://www.lingref.com/bucld/43/BUCLD43-34.pdf

2018 Moran, Steven, Danica Pajović and Sabine Stoll. Cross-linguistically Small World Networks are Ubiquitous in Child-directed Speech. In Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC 2018), 4100-4105. May 7–12, Miyazaki, Japan. http://www.lrec-conf.org/proceedings/lrec2018/pdf/887.pdf

2018 Marsico, Egidio, Sebastien Flavier, Annemarie Verkerk and Steven Moran. BDPROTO: A Database of Phonological Inventories from Ancient and Reconstructed Languages. In Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC 2018), 1654–1658. May 7–12, Miyazaki, Japan. http://www.lrec-conf.org/proceedings/lrec2018/pdf/534.pdf

2018 McNew, Garland, Curdin Derungs and Steven Moran. Towards faithfully visualizing global linguistic diversity. In Proceedings of the Eleventh International Conference on Language

Resources and Evaluation (LREC 2018), 805–809. May 7–12, Miyazaki, Japan. http://www.lrec-conf.org/proceedings/lrec2018/pdf/813.pdf

2018 Moran, Steven and Annemarie Verkerk. Differential rates of change in consonant and vowel systems. In C. Cuskley and M. Flaherty and H. Little and Luke McCrohon and A. Ravignani and T. Verhoef (eds.), The Evolution of Language: Proceedings of the 12th International Conference (EVOLANGXII). April 16–19, Toruń, Poland. https://doi.org/10.12775/3991-1.077. http://evolang.org/torun/proceedings/papertemplate.html?p=98.

2016 Moran, Steven, Robert Schikowski, Danica Pajović, Cazim Hysi and Sabine Stoll. The ACQ-DIV Database: Min(d)ing the Ambient Language. In Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016), 4423–4429. May 23–28, Portorož, Slovenia. http://www.lrec-conf.org/proceedings/lrec2016/pdf/1198_Paper.pdf.

2016 McCrae, John Philip, Christian Chiarcos, Francis Bond, Philipp Cimiano, Thierry Declerck, Gerard de Melo, Jorge Gracia, Sebastian Hellmann, Bettina Klimek, Steven Moran, Petya Osenova, Antonio Pareja-Lora and Jonathan Pool. The Open Linguistics Working Group: Developing the Linguistic Linked Open Data Cloud. In Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016), 2435–2441. May 23–28, Portorož, Slovenia. http://www.lrec-conf.org/proceedings/lrec2016/pdf/851_Paper.pdf.

2014 Moran, Steven and Michael Cysouw. Typology with Graphs and Matrices. In Proceedings of the Third Workshop on Linked Data in Linguistics, Multilingual Knowledge Resources and Natural Language Processing, 55–60. Co-located with LREC 2014. May 27, Reykjavik, Iceland. http://www.lrec-conf.org/proceedings/lrec2014/workshops/LREC2014Workshop-LDL2014%20Proceedings.pdf.

2014 Goldman, Jean-Philippe, Adrian Leemann, Marie-José Kolly, Ingrid Hove, Ibrahim Almajai, Volker Dellwo and Steven Moran. A Crowdsourcing Smartphone Application for Swiss German: Putting language documentation in the hands of the users. In Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC 14), Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk and Stelios Piperidis (eds). May 26–31, Reykjavik, Iceland. http://www.lrec-conf.org/proceedings/lrec2014/pdf/214_Paper.pdf.

2013 Moran, Steven and Martin Brümmer. Lemon-aid: using Lemon to aid quantitative historical linguistic analysis. In Proceedings of the 2nd Workshop on Linked Data in Linguistics (LDL-2013): Representing and linking lexicons, terminologies and other language data. Christian Chiarcos, Philipp Cimiano, Thierry Declerck and John P. McCrae (eds). Association for Computational Linguistics. September, 23. Pisa, Italy. http://aclweb.org/anthology/W/W13/W13-5505.pdf.

2013 Littauer, Richard, Boris Villazon-Terrazas and Steven Moran. Linguistic Resources Enhanced with Geospatial Information. In Proceedings of the 2nd Workshop on Linked Data in Linguistics (LDL-2013): Representing and linking lexicons, terminologies and other language data. Christian Chiarcos, Philipp Cimiano, Thierry Declerck and John P. McCrae (eds). Association for Computational Linguistics. September, 23. Pisa, Italy. http://aclweb.org/anthology/W/W13/W13-5508.pdf.

2013 List, Johann-Mattis and Steven Moran. An Open Source Toolkit for Quantitative Historical

Linguistics. In *Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics*, pg 13–18, Sofia, Bulgaria, August 4–9, 2013. http://aclweb.org/anthology/P/P13/P13-4003.pdf.

2012 Chiarcos, Christian, Sebastian Hellmann, Sebastian Nordhoff, Steven Moran, Richard Littauer, Judith Eckle-Kohler, Iryna Gurevych, Silvana Hartmann, Michael Matuschek and Christian M. Meyer. 'The Open Linguistics Working Group'. In *Proceedings from LREC 2012*, pg 3603–3610, Istanbul, Turkey, May 23–25. http://www.lrec-conf.org/proceedings/lrec2012/pdf/912_Paper.pdf.

2012 Moran, Steven, Daniel McCloy and Richard Wright. 'Revisiting the population vs phoneme-inventory correlation'. In *Extended abstracts in eLanguage from LSA 2012*. http://dx.doi.org/10.3765/exabs.v0i0.601.

2009 Moran, Steven. An Ontology for Accessing Transcription Systems. In *Proceedings from the African Language Technology Workshop at the European Association for Computational Linguistics*. Athens, Greece, March 31. http://www.aclweb.org/anthology/W09-0716.

2008 Farrar, Scott and Steven Moran. The e-Linguistics Toolkit. In *Proceedings e-Humanities — an emerging discipline: Workshop in the 4th IEEE International Conference on e-Science*. Indianapolis, Indiana. http://www.zora.uzh.ch/id/eprint/84686/1/FarrarMoran2008.pdf

2008 Trippel, Thorsten, Michael Maxwell, Greville Corbett, Cambell Prince, Christopher Manning, Stephen Grimes and Steven Moran. Lexicon Schemas and Related Data Models: When Standards Meet Users. In *Proceedings of the 6th International Conference on Language Resources and Evaluation (LREC)*. Marrakech, Morocco. http://www.lrec-conf.org/proceedings/lrec2008/pdf/812_paper.pdf.

2008 Fox, Naomi and Steven Moran. Non-traditional Dissemination of Fieldwork: From the Field to the World. In *Proceedings from the 20th Northwest Linguistics Conference (NWLC)*, Steven Moran, Darren S. Tanner and Michael Scanlon (eds). Seattle, Washington. https://depts.washington.edu/uwwpl/vol27/uwwpl_vol27_2008.pdf.

2006 Boynton, Jessica, Steven Moran, Anthony Aristar and Helen Aristar-Dry. E-MELD and the School of Best Practices: An Ongoing Community Effort. In *Proceedings from Sustainable Data from Digital Fieldwork*. Sydney University Press. https://ses.library.usyd.edu.au/bitstream/2123/1296/1/9FH2006.pdf.

2006 Moran, Steven. From Field Methods to Best Practice: A Case Study of Western Sisaala. E-MELD School of Best Practices. http://emeld.org/school/case/sisaala/index.html

2005 Moran, Steven. The E-MELD School of Best Practices in Digital Language Documentation. In *Proceedings from the Annual Meeting of the Chicago Linguistic Society*, 41(2), 71–80. Chicago Linguistic Society. http://chicagolinguisticsociety.org/public/cls41-2-toc.pdf.

2004 Ferrara, Marisa and Steven Moran. Review of DBMS for Linguistic Purposes. In *Proceedings from the E-MELD 2004: Conference on Linguistic Databases and Best Practices*. http://emeld.org/workshop/2004/papers.html

BOOK

2018 Moran, Steven and Michael Cysouw. *The Unicode Cookbook for Linguists: Managing writing systems using orthography profiles.* Translation and Multilingual Natural Language Processing series in Language Science Press. https://doi.org/10.5281/zenodo.1296780. http://langsci-press.org/catalog/book/176.

EDITED VOLUMES

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2021 Levshina, Natalia and Steven Moran (eds). Efficiency in human languages: corpus evidence for universal principles. *Linguistics Vanguard*, 7, 3. https://www.degruyter.com/journal/key/LINGVAN/7/s3/html.

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2015 Hellmann, Sebastian, Steven Moran, Martin Brümmer and John McCrae (eds). Special Issue on Multilingual Linked Open Data (MLOD). *Semantic Web*, 6(4). https://content.iospress.com/journals/semantic-web/6/4.

2008 Moran, Steven, Darren Tanner and Michael Scanlon (eds). Proceedings from the 20th Northwest Linguistics Conference (NWLC). University of Washington Working Papers in Linguistics Vol. 27. http://depts.washington.edu/uwwpl/vol27/.

2007 Moran, Steven (ed). University of Washington Working Papers in Linguistics Vol 26. http://depts.washington.edu/uwwpl/vol26/.

2006 Moran, Steven (ed). University of Washington Working Papers in Linguistics Vol. 25. http://depts.washington.edu/uwwpl/vol25/.

2005 Jinguji, Dan and Steven Moran (eds). University of Washington Working Papers in Linguistics Vol. 24. http://depts.washington.edu/uwwpl/vol24/.

2001–2005 Moran, Steven (ed). The Linguist List. ISSN: 1068–4875. 420 issues. http://linguistlist.org.

BOOK CHAPTERS

2023 Dediu, Dan, Jingmin Lin, Scott R. Moisik, Steven Moran. Dental fricatives: Patterning, evolution, and factors affecting a rare class of speech sounds. In F. A. Karakostis and G.

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RESPONSES

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2016 Moran, Steven, Forkel, Robert and Jeffrey Heath (eds). Dogon and Bangime Linguistics. Jena: Max Planck Institute for the Science of Human History. http://dogonlanguages.info.

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2014 Moran, Steven, McCloy, Daniel and Richard Wright (eds). PHOIBLE Online. Leipzig: Max Planck Institute for Evolutionary Anthropology. https://doi.org/10.5281/zenodo.2562767. http://phoible.org.

2014 Vaux, Bert, Leemann, Adrian, Wanitsch, Daniel, Moran, Steven, Grimm, Sarah, Robert, Sylvain, Zhakarko, Taras and Scherrer, Yves. US Dialect App. Previously online via Apple App Store.

ENCYLOPEDIA ARTICLE (PEER-REVIEWED)

2019 Moran, Steven. Phonological inventories. In *Oxford Research Encyclopedia of Linguistics*. Oxford University Press. http://dx.doi.org/10.1093/acrefore/9780199384655.013.112.

REVIEW ARTICLE

2014 Wichmann, Søren & Anthony P. Grant (eds). 2012. Quantitative approaches to linguistic diversity: commemorating the centenary of the birth of Morris Swadesh. Amsterdam / Philadelphia: John Benjamins [Benjamins Current Topics 46]. x+182 pp. (ISBN 78 90 272 0265 9) in *Studies in Language* 38(1), 220–233.

PREPRINTS AND WORK IN PROGRESS

van Gijn, Rik, Alena Witzlack-Makarevich and Steven Moran. *Typology in Practice*. A course text book for typology using quantitative approaches.

Moran, Steven. *A Grammar of Isaalo (Western Sisaala).* https://github.com/bambooforest/sisaala.

Moran, Steven. *A Grammatical Sketch of Toro So (Dogon)* (with accompanying French – English – Toro So word list).

Moran, Steven, Robert Schikowski and Sabine Stoll. ACQDIV Corpus Database User Manual. 92pp. https://github.com/acqdiv/corpus_manual/blob/master/corpus_manual.pdf

INVITED PRESENTATIONS

2025 'Interindividual vocal tract diversity influences the phonetic diversification of spoken languages'. C-LESTE 2025: Cross-Linguistic Explorations of Space, Time, and Evolution. June 6. Goethe-Universität Frankfurt. Frankfurt, Germany.

2025 'Interindividual vocal tract diversity influences the phonetic diversification of spoken languages'. Princeton Phonology Forum 2025, Princeton University. April 18–19. Princeton, NJ, USA.

2024 'Type-ology is dead; or, The comparative method cannot tell us how languages evolve'. ISW Colloquium, Department of Linguistics, University of Bern. December 9. Bern, Switzerland. With Tiena Danner.

2022 'EVOPHON: Evolution of phonetics and phonology'. Key speaker at the workshop "The development and evolution of primate vocal communication". November 25, Neuchâtel, Switzerland.

2021 'Impacts of biology and language contact on the worldwide diversity of speech sounds'. Paper presented (online) at the Sixth annual symposium of the DFG Center for Advanced Studies "Words, Bones, Genes, Tools". Biocultural Implications: An agenda for integrative approaches. December, 4, Tübingen, Germany.

2021 'Human speech sounds: three evolutionary timelines'. Paper presented (online) at the Fresno State University Linguistics Colloquium. November 4, Fresno, CA, USA.

2021 'Inferring recent evolutionary changes in speech sounds'. **Keynote** presentation (online) at the 54th Annual Meeting of the Societas Linguistica Europaea. Sep 2, Athens, Greece. With Nicholas A. Lester and Eitan Grossman.

2021 'Human speech sounds: three evolutionary timelines'. Paper presented (online) at the Oberseminar in the Seminar für Sprachwissenschaft. July 20, University of Tübingen, Tübingen, Germany.

2021 'Evolution of speech sounds'. Paper presented (online) at the Workshop on Learnability and Typology on the Occasion of Klaas Seinhorst's PhD Defence. February 18. University of Amsterdam, Amsterdam, The Netherlands.

2021 'Investigating the evolution of speech sounds'. Paper presented (online) at the Higher Seminar in Diversity Linguistics. February 4, University of Stockholm, Stockholm, Sweden.

2020 'How did speech evolve?'. Paper presented at the Cognitive Science Seminar, University of Neuchâtel. Nov 19, Neuchâtel, Switzerland.

2019 'ACQDIV project, corpus database, methodological approaches using different types of entropy and statistical regressions'. Paper presented at Emergent constructions – big data in

learner language analyses, University of Basel. May 30, Basel, Switzerland. With Nicholas A. Lester.

2018 'Building an evolutionary timeline of phonetic features'. Paper presented in the Department of Comparative Cognition in the Institute of Biology, University of Neuchâtel. November 29, Neuchâtel, Switzerland.

2017 'ACQDIV PHON: Worldwide phoneme frequency predicts age of production'. Paper presented at the ESRC International Centre for Language and Communicative Development (LuCiD) research colloquium. October 3, Manchester, UK. With Sabine Stoll.

2017 'Linked Data for Linguistic Research: Phonetics'. Paper presented at the LD4LR workshop for the Dutch CLARIAH project. February 6–7. Utrecht, The Netherlands. https://www.clariah.nl/en/new/blogs/linked-data-for-linguistic-research

2015 'The ACQDIV project and database'. Paper presented in the Seminar Series at the Dynamique du Langage lab (DDL) of the Centre national de la recherche scientifique (CNRS). September 21. Lyon, France. With Sabine Stoll.

2015 'Introduction to ACQDIV corpora'. Workshop: Acquisition processes in maximally diverse languages (ACQDIV). June 10–13. Kappel am Albis, Switzerland.

2015 'Visualizing WALS data'. Workshop: Language Comparison with Linguistic Databases. Organized by the URPP Language and Space at the University of Zurich. April 30. Leipzig, Germany. With Garland McNew.

2015 'Dogon languages project'. Primera Escuela Latinoamericana de Tipología y Documentación Lingüística. Escuela Nacional de Estudios Superiores, UNAM. March 19–28. Morelia, Mexico.

2015 'Documenting typological diversity for real: the need of language acquisition studies'. Primera Escuela Latinoamericana de Tipología y Documentación Lingüística. Escuela Nacional de Estudios Superiores, UNAM. March 19–28. Morelia, Mexico. With Dagmar Jung and Sabine Stoll.

2014 'Studies in phonological typology with PHOIBLE'. Workshop on Language Comparison with Linguistic Databases: RefLex and Typological Databases. October 7–9. Nijmegen, The Netherlands.

2014 'Linguistic (Linked) Open Data: From collection to application'. **Keynote** presentation at the workshop on 'Collaboration and Computing for Under-resourced Languages in the Linked Open Data Era (CCURL 2014)'. May 26. Reykjavik, Iceland. With Christian Chiarcos.

2014 'Qualitative analysis and quantitative comparison of Dogon languages'. Paper presented in the Seminar Series at the Dynamique du Langage lab (DDL) of the Centre national de la recherche scientifique (CNRS). January 24. Lyon, France.

2013 'Qualitative analysis and quantitative comparison of Dogon languages'. Paper presented in the Seminar Series at the Department of Linguistics, University of Stockholm. December 12. Stockholm, Sweden.

2013 'Diversity of Language Sources: Challenges in Digitization, Interoperation and Analysis'. Paper presented at the Language Diversity Congress: Computational Issues in Studying Language Diversity. July 18–20. Groningen, The Netherlands. With Jelena Prokić.

2013 'Obstruents and latitude: acoustic adaptation, thermal influence or spurious statistics?'. Poster presented at the Language Diversity Congress: Computational Issues in Studying Language Diversity. July 18–20. Groningen, The Netherlands. With Damián Blasi.

2012 'Geolinguistic Diffusion of Language Change'. Paper presented at the Simulation of Diachrony workshop. November 5–6. Zurich, Switzerland. With Jelena Prokić.

2012 'Research Unit: Quantitative Language Comparison'. Paper presented at the RefLex meeting (CNRS). June 5–7. Lyon, France.

2011 'Technological infrastructure for comparative linguistics and linguistic fieldwork: some case studies'. Paper presented at the Max Planck Institute for Evolutionary Anthropology. January 27, Leipzig, Germany.

2008 'The e-Linguistics Toolkit'. Paper presented at the Institute for Language Information and Technology (The Linguist List). December 18, Ypsilanti, Michigan. With Scott Farrar.

2006 'From Documentation to Computation'. Paper presented at the Max Planck Institute for Evolutionary Anthropology. September 13, Leipzig, Germany.

REFEREED PRESENTATIONS

2025 'Rule-based sequences in sooty mangabey vocal communication'. Societas Linguistica Europaea 58th Annual Meeting. August 26–29. Bordeaux, France. With Auriane Le Floch, Cédric Girard-Buttoz (presenter), Tanit Souha Azaiez, Natacha Bande, Roman M. Wittig, Klaus Zuberbühler and Catherine Crockford.

2025 'Human neural networks are the most efficient large language models'. IV International Conference of the Faculty of Linguistics and Ukrainian Association of Cognitive Linguistics and Poetics (UACLaP). Igor Sikorsky Kyiv Polytechnic Institute. May 22–23. Kyiv, Ukraine and online. With Arash Dehdari and Valeriia Vyshnevetska (presenter).

2025 'The comparative method cannot tell us *how* languages evolve'. Linguistic data and language comparison in light of the 'quantitative turn' and 'big data', University of Bern. May 7–9. Bern, Switzerland. With Tiena Danner (presenter).

2025 'The comparative method cannot tell us *how* languages evolve'. Bridging the gap: Unifying approaches to linguistic evolution workshop. Institute for the Interdisciplinary Study of Language Evolution, University of Zurich. March 13–14. Zurich, Switzerland. With Tiena Danner (presenter).

2024 'Temporal Co-registration of Simultaneous Electromagnetic Articulography and Electroencephalography for Precise Articulatory and Neural Data Alignment'. Paper presented at Interspeech 2004. September 1–5, Kos, Greece. With Daniel Friedrichs (presenter), Monica Lancheros, Sam Kirkham, Lei He, Andrew Clark, Clemens Lutz and Volker Dellwo.

2024 'The borrowability of phonological segments: a feature-based approach'. Paper presented at the 57th annual Societas Linguistica Europaea (SLE 2024). August 21–24, Helsinki, Finland. With Dmitry Nikolaev (presenter) and Eitan Grossman.

2024 'Phonemes as cognitive tools'. Paper presented at the 57th annual Societas Linguistica Europaea (SLE 2024). August 21–24, Helsinki, Finland. With Caleb Everett (presenter), Axel Ekström and Cladio Tennie.

2024 'Phonetic Segmentation of the UCLA Phonetics Lab Archive'. Paper presented at the 2024 Joint International Conference on Computational Linguistics and Language Resources and Evaluation (LREC-COLING 2024). May 20-25, Turin, Italy. With Eleanor Chodroff (presenter), Pažon Blaž and Annie Baker.

2024 'Converting legacy data to CLDF: A FAIR exit strategy for linguistic web apps'. Poster presented at the 2024 Joint International Conference on Computational Linguistics and Language Resources and Evaluation (LREC-COLING 2024). May 20–25, Turin, Italy. With Rorbert Forkel (presenter) and Daniel Swanson.

2024 'Stability of manner and place of articulation in the formation of Portuguese-based creoles'. Paper presented at the Leiden Workshop on Creole Languages (WoCL). May 22, 2024, Leiden, The Netherlands. With Carlos Silva (presenter).

2024 'What phonetics has to say about Neanderthal (*H. neanderthalensis*) speech capacities'. Paper presented at the International Conference on the Evolution of Language (Evolang 2024). May 18–21, Madison, WI, USA. With Axel Ekström (presenter).

2024 'Phonetic properties of chimpanzee, gorilla, and orangutan hoots tell a uniform story – and point to new frontiers'. Poster presented at the International Conference on the Evolution of Language (Evolang 2024). May 18–21, Madison, WI, USA. With Axel G. Ekström, Lara Nellissen, Tatiana Bortolato, Catherine Crockford, Jens Edlund, Shelly Masi, Klaus Zuberbühler, Adriano R Lameira, Roman W. Wittig and Sven Grawunder.

2024 'The phoneme as cognitive technology'. Poster presented at the International Conference on the Evolution of Language (Evolang 2024). May 18–21, Madison, WI, USA. With Caleb Everett and Axel Ekström.

2024 'Contextualizing the spatial autocorrelation for some climatic and linguistic variables'. Paper presented at the International Conference on the Evolution of Language (Evolang 2024). May 18–21, Madison, WI, USA. With Haoluan Wang and Caleb Everett (presenter).

2024 'Dimensions of structure and variability in the human vocal tract'. Poster presented at the 13th International Seminar on Speech Production (ISSP2024). May 13–17th, Autrans, France. With Katherine Vaughan-Williams and Sam Kirkham (presenter).

2023 'Phonological stability and inventory similarity of Portuguese-based creoles'. Paper presented at the Congresso Bienal Centro de Linguístca da Universidade do Porto. November 2–4, Porto, Portugal. With Carlos Silva and Luís Trigo.

2023 'A Database of Tonogenetic Events (DTE) and what it can tell us about tonogenesis'. Paper presented at the 26th International Conference of Historical Linguistics (ICHL). September 4–8, Heidelberg, Germany. With Lilja Sæbø and Eitan Grossman.

2023 'Evolution for a complex vocal communication system: The peculiar case of olive colobus monkeys'. Paper presented at The Joint Meeting of the International Primatological Society (IPS) and the Malaysian Primatological Society (IPS – MPS Joint Meeting 2023). August 19–25, (online), Kuching, Sarawak, Malaysian Borneo. With Quentin Gallot and Klaus Zuberbühler.

2023 'PREQUEL: Supervised phonetic approaches to analyses of great ape quasi-vowels'. Poster presented at the 20th International Congress of Phonetic Sciences (ICPhS 2023). August 7–11, Prague, Czech Republic. With Axel G. Ekström, Johan Sundberg and Adriano R. Lameira.

2023 'Automatic Sound Event Detection and Classification of Great Ape Calls Using Neural Networks'. Poster presented at the 20th International Congress of Phonetic Sciences (ICPhS 2023). August 7–11, Prague, Czech Republic. With Zifan Jiang, Adrian Soldati, Isaac Schamberg and Adriano R. Lameira.

2022 'Measuring consonant stability in Portuguese-based creoles'. Paper presented at the 14th Conference of the Association of Linguistic Typology. December 15–17, (online), Austin, Texas. With Carlos Silva.

2022 'Linguistic laws in primate vocal communication'. Paper presented at the Joint CSamardžićonference on Language Evolution (JCoLE). September 5–8, Kanazawa, Japan. With Quentin Gallot, Auriane Le Floch, Marco Maiolini, Adrian Soldati, and Klaus Zuberbühler.

2022 'Great ape vocal repertoires are all similar in size: now what?'. Paper presented at the Joint Conference on Language Evolution (JCoLE). September 5–8, Kanazawa, Japan. With Marco Maiolini and Adriano Lameira.

2022 'TeDDi Sample: Text Data Diversity Sample for Language Comparison and Multilingual NLP'. Paper presented at the Language Resources and Evaluation Conference (LREC 2022). June 21–23, Marseille, France. With Ximena Gutierrez-Vasques, Christian Bentz, Olga Sozinova, and Tanja Samardžić.

2021 'Stability drivers in the emergence of Portuguese-based creoles'. Paper presented at The Fifth Edinburgh Symposium on Historical Phonology (ESHP5). December 6–8, (online) Edinburgh, Scotland. With Carlos Silva.

2021 'Temporal bias: a new kind of bias for typologists to worry about'. Paper presented at the 5th Usage-Based Linguistic Conference (UBL 5). July 5–7, (online) Tel Aviv, Israel. With Eitan Grossman.

2021 'Defining and operationalizing 'borrowability' in phonology'. Paper presented at the 5th Usage-Based Linguistic Conference (UBL 5). July 5–7, (online) Tel Aviv, Israel. With Elad Eisen, Eitan Grossman, and Dmitry Nikolaev.

2021 'Defining and operationalizing 'borrowability' in phonology'. Paper presented at the 28th Manchester Phonology Meeting. May 26–28, (online) Manchester, UK. With Elad Eisen, Dmitry Nikolaev and Eitan Grossman.

2019 'The typology of phonological segment borrowing'. Paper presented at the 13th Conference of the Association for Linguistic Typology. September 4–6, Pavia, Italy. With Eitan Grossman, Dmitry Nikolaev, Elad Eisen, Ronén Júda, Schwartz Layla and Yoav Yosef.

2019 'How different were phonological distributions? The typology of phonological segment borrowing and the Uniformitarian Assumption'. Paper presented at the 52nd Annual Meeting of the Societas Linguistica Europaea. August 21–24, Leipzig, Germany. With Eitan Grossman and Dmitry Nikolaev.

2019 'What contact typologists want from grammatical descriptions'. Paper presented at Descriptive grammars and typology: The challenges of writing grammars of underdescribed and endangered languages. March 27–29, Helsinki, Finland. With Eitan Grossman.

2018 'Variation sets in maximally diverse languages'. Poster presented at the 43rd Boston University Conference on Language Development (BUCLD). November 2–4, Boston, USA. With Sabine Stoll.

2018 'Acquisition processes in maximally diverse languages: min(d)ing the ambient language'. Paper presented at the Days of Swiss Linguistics. October 12, Bern, Switzerland. With Sabine Stoll, Damian Blasi, Dagmar Jung and Jekaterina Mazara.

2018 'Worldwide frequency distribution of phoneme types predicts their order of acquisition'. Paper presented at the 51st Annual Meeting of the Societas Linguistica Europaea (SLE). August 29–September 1, Tallinn, Estonia. With Sebastian Sauppe, Nicholas A. Lester and Sabine Stoll.

2018 'Comparative corpus linguistics: New perspectives and applications'. Paper presented at the 51st Annual Meeting of the Societas Linguistica Europaea (SLE). August 29–September 1, Tallinn, Estonia. With Natalia Levshina and Annemarie Verkerk.

2018 'Cross-linguistically Small World Networks are Ubiquitous in Child-directed Speech'. Paper presented at the Eleventh International Conference on Language Resources and Evaluation (LREC 2018). May 7–12, Miyazaki, Japan. With Danica Pajović and Sabine Stoll.

2018 'BDPROTO: A Database of Phonological Inventories from Ancient and Reconstructed Languages'. Paper presented at the Eleventh International Conference on Language Resources and Evaluation (LREC 2018). May 7–12, Miyazaki, Japan. With Egidio Marsico, Sebastien Flavier and Annemarie Verkerk.

2018 'Towards faithfully visualizing global linguistic diversity'. Paper presented at the Eleventh International Conference on Language Resources and Evaluation (LREC 2018). May 7–12, Miyazaki, Japan. With Garland McNew and Curdin Derungs.

2018 'Differential rates of change in consonant and vowel systems'. Paper presented at the 12th International Conference on the Evolution of Language (EVOLANGXII). April 16–19, Toruń, Poland. With Annemarie Verkerk.

2018 'Probing the biological conditions for modern phonologies: The late emergence of labiodentals'. Paper presented at the 12th International Conference on the Evolution of Language (EVOLANGXII). April 16–19, Toruń, Poland. With Damián Blasi, Scott Moisik, Ani Margvelashvili, Paul Widmer, Dan Dediu and Balthasar Bickel.

2017 'Phylogenesis of phonetic features'. Paper presented at the 12th Conference of the Association for Linguistic Typology (ALT). December 11–15, Canberra, Australia.

2017 'Probing the biological conditions for modern phonologies: the late emergence of labiodentals'. Paper presented at the 48th annual meeting of the Australian Linguistics Society (ALS). December 4–7, Sydney, Australia. With Damián Blasi, Scott Moisik, Ani Margvelashvili, Paul Widmer, Dan Dediu and Balthasar Bickel.

2017 'Worldwide frequency of phonemes predicts their age of acquisition'. Poster presented at the 42nd Boston University Conference on Language Development (BUCLD). November 3–5, Boston, USA. With Sabine Stoll.

2017 'The Unicode Cookbook for Linguists'. Paper presented at the 47th Poznań Linguistic Meeting. September 18–20, Poznań, Poland. With Michael Cysouw.

2017 'Molecular Anthropology as a window on language contact: diffusion probabilities in phonology and grammar'. Paper presented at the 50th Annual Meeting of the Societas Linguistica Europaea (SLE). September 10–13, Zurich, Switzerland. With Balthasar Bickel, Damián Blasi and Brigitte Pakendorf.

2017 'Probing the biological conditions for modern phonologies: the late emergence of labio-dentals'. Paper presented at the 50th Annual Meeting of the Societas Linguistica Europaea (SLE). September 10–13, Zurich, Switzerland. With Damián Blasi, Scott Moisik, Ani Margvelashvili, Paul Widmer, Dan Dediu and Balthasar Bickel.

2017 'Introduction to the SLE workshop: Non-linguistic causes of linguistic diversity'. Paper presented at the 50th Annual Meeting of the Societas Linguistica Europaea (SLE). September 10–13, Zurich, Switzerland. With Antonio Benitez-Burraco and Dan Dediu.

2017 'Investigating the phylogenesis of phonetic features'. Poster presented at the 25th Manchester Phonology Meeting. May 25–27, Manchester, UK.

2016 'Evaluating information loss from phonological dimensionality reduction'. Paper presented at The Role of Predictability in Shaping Human Language Sound Patterns (satellite event at the 16th Speech Science and Technology Conference). December 10–11, Sydney, Australia. With Jayden Macklin-Cordes and Erich Round.

2016 'Frequent frames in maximally diverse languages'. Paper presented at the Boston University Conference on Language Development (BUCLD). November 4–6, Boston, USA. With Damián Blasi and Sabine Stoll.

2016 'How to study variation in language acquisition: a new cross-linguistic corpus approach'. Paper presented at the 9th Days of Swiss Linguistics. June 29–July 1, Geneva, Switzerland.

2016 'Visualizing development in longitudinal language acquisition data'. Poster presented at the 9th Days of Swiss Linguistics. June 29–July 1, Geneva, Switzerland. With Danica Pajović, Jekaterina Mazara and Sabine Stoll.

2016 'The ACQDIV Database: Min(d)ing the Ambient Language'. Paper presented at the Tenth International Conference on Language Resources and Evaluation (LREC 2016). May 23–28, Portorož, Slovenia. With Robert Schikowski, Danica Pajović, Cazim Hysi and Sabine Stoll.

2015 'Syntactic mixing across generations in an environment of community-wide bilingualism'. Paper Presented at 48th Annual Meeting of the Societas Linguistica Europaea (SLE). September 2–5. Leiden, The Netherlands. With Balthasar Bickel, Taras Zakharko, Robert Schikowski and Sabine Stoll.

2015 'Phonological features from a quantitative typological perspective'. Paper Presented at the Conference: Diversity Linguistics: Retrospect and Prospect. May 1–3. Leipzig, Germany. With Balthasar Bickel and Taras Zakharko.

2015 'Tsammalex'. Paper Presented at the Conference: Diversity Linguistics: Retrospect and Prospect. May 1–3. Leipzig, Germany. With Christfried Naumann, Robert Forkel and Lena Sell.

2015 'Syntactic mixing across generations in a Chintang/Nepali bilingual environment'. Paper Presented at the Conference: Diversity Linguistics: Retrospect and Prospect. May 1–3. Leipzig, Germany. With Sabine Stoll, Taras Zakharko, Robert Schikowski and Balthasar Bickel.

2014 'Subject agreement suspension and information structure: a view from Dogon languages'. Paper Presented at 8th Days of Swiss Linguistics. June 19–21. Zurich, Switzerland. With Giorgio Iemmolo.

2014 'Average in phonological typology: phoneme inventories'. Paper Presented at 8th Days of Swiss Linguistics. June 19–21. Zurich, Switzerland. With Taras Zakharko.

2014 'Structural diversity in phonological systems'. Paper Presented at 8th Days of Swiss Linguistics. June 19–21. Zurich, Switzerland. With Balthasar Bickel and Taras Zakharko.

2014 'A Crowdsourcing Smartphone Application for Swiss German: Putting Language Documentation in the Hands of the Users'. Poster presented at LREC 2014. May 26–31. Reykjavik, Iceland. With Jean-Philippe Goldman, Adrian Leemann, Marie-José Kolly, Ingrid Hove, Ibrahim Almajai and Volker Dellwo.

2013 'Lemon-aid: using Lemon to aid quantitative historical linguistic analysis'. Paper presented at the 2nd Workshop on Linked Data in Linguistics: Representing and linking lexicons, terminologies and other language data. September 23. Pisa, Italy. With Martin Brümmer.

2013 'Linguistic Resources Enhanced with Geospatial Information'. Paper presented at the 2nd Workshop on Linked Data in Linguistics: Representing and linking lexicons, terminologies and other language data. September 23. Pisa, Italy. With Richard Littauer and Boris Villazon-Terrazas.

2013 'Cross-linguistic Comparison of Complexity Measures in Phonological Systems'. Paper Presented at the 44th Poznań Linguistic Meeting (PLM 2013). August 29–September 1. Poznań, Poland. With Damián Blasi.

2013 'Application and Evaluation of Quantitative Comparative Methods on Dogon'. Paper presented at the Colloquium on African Languages and Linguistics (CALL). August 26–28. Leiden, The Netherlands. With Jelena Prokić.

2013 'Estimating Diachronic Preferences of Phonological Features Cross-linguistically'. Paper Presented at the Association for Linguistic Typology. August 15–18. Leipzig, Germany. With Taras Zakharko and Balthasar Bickel.

2013 'Typology with Graphs and Matrices'. Paper Presented at the Association for Linguistic Typology. August 15–18. Leipzig, Germany. With Michael Cysouw.

2013 'An Open Source Toolkit for Quantitative Historical Linguistics'. Paper Presented at the Association for Computational Linguistics. August 4–9. Sofia, Bulgaria. With Johann-Mattis List.

2013 'Digital technology and endangered Dogon languages'. Paper Presented at 19th LIPP-Symposium: Gefährdete Sprachen. July 10–12. Munich, Germany. With Jelena Prokić.

2013 'Revisiting "The role of features in phonological inventories"'. Paper presented at the CUNY Conference on the Feature in Phonology and Phonetics. January 16–18. New York, NY. With Daniel McCloy and Richard Wright. http://dan.mccloy.info/pubs/McCloyEtAl2013_cunyFeatureConf.pdf.

2012 'Automatic Detection of Borrowings in Lexicostatistic Datasets: A Workflow for Automatic Linguistic Reconstruction'. Paper Presented at the Workshop on Quantitative Approaches to Areal Typology. December 13–14. Amsterdam, Netherlands. With Johann-Mattis List and Jelena Prokić.

2012 'A Python Toolkit for Quantitative Tasks in Historical-Comparative Linguistics'. Paper Presented at the Phylometric and Phylogenetic Approaches in the Humanities Workshop. November 24. Bern, Switzerland. With Johann-Mattis List.

2012 'Investigating the Genealogical Relatedness of the Dogon Languages'. Paper Presented at the Biological Evolution and Diversification of Languages Workshop [BEDLAN]. September 19–21. University of Turku, Finland. With Jelena Prokić.

2012 'Dogon classification'. Paper presented at Proto-Niger-Congo: Comparison and Reconstruction International Congress. September 18–21. Paris, France. With Kirill Prokhorov and Jeffrey Heath.

2012 'A Python Library for Historical Comparative Linguistics'. Paper presented at EuroSciPy 2012. August 23–27. Brussels, Belgium. With Johann-Mattis List. **Awarded best paper.**

2012 'Investigating the Genealogical Relatedness of the Endangered Dogon Languages'. Paper presented at Digital Humanities 2012. July 16–22. Hamburg, Germany. With Jelena Prokić.

2012 'Using Linked Data to create a typological knowledge base'. Paper presented at Linked Data in Linguistics (DGfS 2012). March 6–9. Frankfurt, Germany.

2011 'Black box statistical approaches'. Paper presented at the Workshop on Comparing Approaches to Measuring Linguistic Differences. October 24–25. Gothenburg, Sweden. With Jelena Prokić.

2011 'Phonemic Inventories as a Phylogenetic Characteristic'. Paper presented at the 20th International Conference on Historical Linguistics (ICHLXX). July 25–30, Osaka, Japan. With Michael Cysouw.

2011 'Oblique Cases and Semantic Roles'. Paper presented at the Workshop on Semantic Role Complexes: (New) Approaches to Defining Semantic Roles. April 4–5, Zurich, Switzerland. With Jeffrey Heath.

2009 'Dogon Linguistics and Typology on the Web'. Poster presented at the Association for Linguistic Typology (ALT08). July 24–25, Berkeley, California. With Laura McPherson.

2009 'The Dogon Languages of Mali'. Paper presented at the Annual Conference on African Linguistics (ACAL). April 9–12, Indiana University, Bloomington, Indiana. With Jeffrey Heath and Abbie Hantgan.

2008 'The e-Linguistics Toolkit'. Paper presented at e-Humanities — an emerging discipline: Workshop in the 4th IEEE International Conference on e-Science. December 10, Indianapolis, Indiana. With Scott Farrar.

2008 'From the Field to the World'. Paper presented at the 20th Northwest Linguistics Conference (NWLC). May 3–4, Seattle, Washington. With Naomi Fox.

2006 'Moodle: A CALL Environment for Language Documentation and Revitalization'. Poster presented at the 2nd annual Conference on Endangered Languages and Cultures of Native America (CELCNA). March 31–April 2, Salt Lake City, Utah.

2006 'Best Practices in Practice: Documentation of Western Sisaala'. Poster presented at the annual meeting of the Linguistic Society of America, January 5–8, Albuquerque, New Mexico.

2006 'APEC: A tool for automatic phonological analysis of field data'. Software demonstration at the E-MELD Workshop on Digital Language Documentation, Tools and Standards: the state of the art. June 20–22, Lansing, Michigan. With Shauna Eggers.

2006 'Creating a Video Clip Resource to Enhance Linguistics Courses'. Poster presented at the

University of Washington Teaching and Learning Symposium. April 25, Seattle, Washington. With Sharon Hargus.

2005 'Creating Language Resources that Last: The E-MELD School of Best Practices in Digital Language Documentation'. Poster presented at the 2005 LSA Summer Institute event: Language Documentation: Theory, Practice, and Values. July 9–11. Harvard University, Cambridge, Massachusetts. With Helen Aristar-Dry, Antony Aristar, Naomi Fox, Susan Hooyenga and Megan Zdrojkowski.

2005 'Ensuring that Digital Data Last: Archiving and Linguistic Resources'. Paper presented at the 34th annual meeting of the Linguistic Association of the Southwest. October 7–9, Lubbock, Texas.

2005 'Creating Language Resources that Last: The E-MELD Project and Best Practices in Digital Language Documentation'. Poster presented at the E-MELD Workshop 2005: Linguistic Ontologies and Data Categories for Linguistic Resources, July 1–3, Cambridge, Massachusetts. With Susan Hooyenga and Megan Zdrojkowski.

2005 'The E-MELD School of Best Practices in Digital Language Documentation'. Paper presented at the 41st annual meeting of the Chicago Linguistics Society 41. April 7–9, Chicago, Illinois.

2005 'Endo and Exocentric Compounding in Western Sisaala'. Paper presented at the 31st annual meeting of the Berkeley Linguistics Society. February 18–20, Berkeley, California.

2005 'Challenges in Fieldwork: Review of Databases for Linguistic Purposes'. Poster presented at the annual meeting of the Linguistic Society of America. January 6–9, Oakland, California.

2004 'Review of DBMS for Linguistic Purposes'. Paper presented at the E-MELD Conference 2004: Linguistic Databases and Best Practice. July 15–18, Detroit, Michigan. With Marisa Ferrara.

2002 'English Loanwords in Maori'. Paper presented at the Eastern Michigan University Undergraduate Symposium. March 22, Ypsilanti, Michigan.

NON-REFEREED PRESENTATIONS

2025 'The comparative method cannot tell us how languages evolve'. Paper presented in the Department of Anthropology at the University of Miami. April 16. Miami, USA.

2023 'Comparative phonetics: Towards insights into the evolution of speech'. Paper presented at the DFG Center for Advanced Studies "Words, Bones, Genes, Tools: Tracking Linguistic, Cultural and Biological Trajectories of the Human Past" colloquium. July 13. Tübingen, Germany. With Axel Ekström.

2021 'Are some speech sounds older than others?'. Paper presented online for the Department of Anthropology at the University of Miami. February 22. Miami, USA.

2019 'Current research in phonological typology: Introduction'. Paper presented at the 13th Conference of the Association for Linguistic Typology. September 4–6, Pavia, Italy. With Eitan Grossman.

2016 'Tracing the origin of human speech sounds: evolutionary and historical perspectives'. Paper presented at the Genetics and Animal Communication Workshop hosted by the University

Research Priority Program: Evolution in Action. November 21–22, Zurich, Switzerland. With Balthasar Bickel, Damián Blasi and Paul Widmer.

2016 'Statistical Signals of the Trans-Pacific Migrations in Language'. Paper presented at the Linguistics and Genetics Workshop in Zurich 2016. University of Zurich. March 13. Authors: Balthasar Bickel, Curdin Derungs, Steven Moran, Sean Roberts and Dan Dediu.

2015 'Making the data usable: issues in unifying language acquisition corpora'. Paper presented at the Inter-Lab Workshop on Data and Standards: How to make data reusable? University of Zurich. May 29. With Robert Schikowski.

2015 'ACQDIV: data, infrastructure, future'. Paper Presented at the Research Colloquium of the Department of Comparative Linguistics at the University of Zurich. May 22.

2014 'Language Geography and Dogon'. Paper Presented at the Maps and Grammar Workshop at the University of Zurich. March 21. With Curdin Derungs and Simon Etter.

2013 'Estimating Diachronic Preferences of Phonological Features Cross-linguistically'. Paper Presented at the Research Colloquium of the General Department of Linguistics at the University of Zurich. October 25. With Taras Zakharko and Balthasar Bickel.

2012 'Research Unit: Quantitative Language Comparison'. Paper presented at the Institute for Language Information and Technology (The Linguist List). September 12, Ypsilanti, Michigan.

2011 'Orthography Profiles'. Paper presented at the Phonetics Lab Meeting, LMU, München. May 18, Munich, Germany. With Jelena Prokić.

2006 'Benefits for Using the LKB and Grammar Engineering for Field Linguists'. Paper presented at the 2nd annual Deep Linguistic Processing with HPSG (DELPH-IN) meeting. June 12–17, Fefor, Norway.

2006 'The E-MELD Project and Tools for Field Linguists'. Demo presented at the Microsoft / UW Symposium in Computational Linguistics. February 3, Redmond, Washington.

TEACHING EXPERIENCE

University courses (instructor)

Data Science of Language and Culture (APY 313). University of Miami, Spring 2025, Spring 2024, Spring 2023.

Data Science (2LN2319). University of Neuchâtel, Fall 2023, Fall 2022, Spring 2022.

Introduction to First Language Acquisition from a Cross-linguistic Perspective (301: Einführung in die Spracherwerbsforschung). University of Zurich, Spring 2019 & Spring 2016.

The Nature and Evolution of Phonology (605: Sprachvergleich). University of Zurich, Fall 2018.

Linguistic Field Methods (501: Feldforschungsmethoden). University of Zurich, Fall 2017 (Ga language) & Fall 2016 (Akan language).

Anthropological Linguistics: Social and Cultural Perspectives (302a: Ethnolinguistik). University of Zurich, Fall 2015.

Qualitative and Quantitative Analysis (102: Methoden und Anwendungen). University of Zurich, Spring 2015 & Fall 2013.

Introduction to Anthropological Linguistics (302: Ethnolinguistik). University of Zurich, Fall 2014. Co-taught with Balthasar Bickel.

Introduction to Morphology (LING 481). University of Washington, annually 2007–2010.

University courses (teaching assistant)

Deep Processing Techniques for Natural Language Processing (LING 571). University of Washington. Winter 2010 & 2009.

Introduction to Computational Linguistics (CSE/LING 472). University of Washington. Spring 2010.

University courses (co-instructor)

Integrative Models in Cognitive Science (2LN2210). University of Neuchâtel, annually Fall 2020–2023.

Summer schools (instructor)

Linguistic data from fieldwork to R. Academia Grammaticorum Salensis Vigesima Prima. Antalieptė, Lithuania. July 21–25, 2024. https://www.academiasalensis.org/en/conference-and-summer-school/2024-summer-school/.

Methods and practical applications for language documentation (Métods e instruments prácticos para la documentación lingüística, with Heriberto Avelino). Primera Escuela Latinoamericana de Tipología y Documentación Lingüística Alemania-México. Nacional de Estudios Superiores, UNAM. Morelia, Mexico. March 23–28, 2015.

Database Design for Linguists. Quantitative Analysis of Linguistic Data (QUALD) doctoral seminar, University of Zurich, Summer 2014.

ADVISING

Fredy Quintero. Biology, completed 2025. Audience effects in Sooty Mangabeys. Dissertation committee. University of Neuchâtel, Switzerland.

Auriane LeFloch, Biology, completed 2025. PhD co-advisor. University of Neuchâtel, Switzerland & University of Lyon, France.

Tiena Danner, Biology, completed 2025. PhD advisor. University of Neuchâtel, Switzerland.

Quentin Gallot, Biology, completed 2025. PhD committee. University of Neuchâtel, Switzerland.

Axel Ekström, Speech Technology and Communication, completed 2024. PhD co-advisor. KTH Royal Institute of Technology, Sweden.

Valeriia Perepelytsia, Computational Linguistics, completed 2024. PhD committee. University of Zurich, Switzerland.

Carlos Silva, Linguistics, completed 2024. PhD co-advisor. University of Porto, Portugal.

Deborah Jakobi, Computational Linguistics, completed 2022. Grapheme-to-Phoneme Mapping in Text. M.A. thesis co-advisor. University of Zurich, Switzerland.

Klaas Seinhorst, Linguistics, PhD completed 2021. The complexity and learnability of phonological patterns: simulations, experiments, typology. PhD thesis committee. University of Amsterdam, The Netherlands.

Elad Eisan, Linguistics, M.A. completed 2020. The Typology of Phonological Segment Borrowing. M.A. thesis committee. The Hebrew University of Jerusalem, Israel.

Cazim Hysi, Computational Linguistics, B.A. completed 2019. Implementing Diachronic Language Simulation in Python. B.A. thesis committee. University of Zurich, Switzerland.

Danica Pajovič, Computational Linguistics, M.A. completed 2016. ACQDIVIZ: Visualising Development in Longitudinal First Language Acquisition Data. M.A. thesis committee. University of Zurich, Switzerland.

Melanie Widmer, Linguistics, B.A. completed 2015. Die Rolle distributioneller Information im Spracherwerb: Kategorisierung mit Hilfe von häufigen Frames. B.A. thesis committee. University of Zurich, Switzerland.

RESEARCH PROJECT TEAM MEMBER

2020 Non-randomness in Morphological Diversity: A Computational Approach Based on Multilingual Corpora. Swiss National Science Foundation. Primary Investigator (PI) Tanja Samardžić (U. Zurich). Positions: postdoctoral researcher and technical project manager. http://p3.snf.ch/project-176305. Project homepage: https://www.spur.uzh.ch/en/departments/research/textgroup/MorphDiv.html.

2014–2019 ACQDIV: Acquisition processes in maximally diverse languages: Min(d)ing the ambient language. European Research Council Consolidator Grant ERC-2013-CoG, SH4, RCN: 615988. PI Sabine Stoll (U. Zurich). Positions: postdoctoral researcher and technical project manager. https://cordis.europa.eu/project/rcn/191230/. Project homepage: http://www.acqdiv.uzh.ch.

2013–2016 Investigating the interaction of tone and syntax in the Bagime and the Dogon languages of Mali and Burkina Faso. US National Science Foundation award no. BCS-1263150. PI Jeffrey Heath (U. Michigan). Positions: field researcher and technical lead. https://www.nsf.gov/awardsearch/showAward?AWD_ID=1263150. Project webpages: http://dogonlanguages.info & http://tsammalex.clld.org/.

2010–2014 Quantitative modeling of historical-comparative linguistics: Unraveling the phylogeny of native South American languages (QuantHistLing). European Research Council Starting Grant ERC-2009-StG, SH4, RCN: 191230. PI Michael Cysouw (U. Marburg). Position: postdoctoral researcher. https://cordis.europa.eu/project/rcn/93461/.

2009–2013 Dogon Languages of Mali. National Science Foundation (NSF) award no. BCS-0853364. PI Jeffrey Heath. Positions: field researcher and technical lead. https://www.nsf.gov/awardsearch/showAward?AWD_ID=0853364.

2009–2010 Phonetics Information Base and Lexicon (PHOIBLE). UW Royalty Research Fund Grant. PI Richard Wright (U. Washington). Positions: lead developer and project manager. http://phoible.org/

2008–2010 Lexicon Integration with the Gold Ontology (LEGO). National Science Foundation (NSF) award no. BCS-0753321. PIs Helen Aristar-Dry (EMU) and Jeff Good (U. Buffalo). Positions: programmer and data provider. https://www.nsf.gov/awardsearch/showAward?AWD_ID=0753321. Project homepage: http://lego.linguistlist.org/.

2008–2009 GOLD Community of Practice: Laying the Foundations for a Linguistics Cyberinfrastructure. National Science Foundation (NSF) award no. BCS–0720670. PI Scott Farrar. Positions: programmer and researcher. https://www.nsf.gov/awardsearch/showAward?AWD_ID=0720670.

2006–2009 Languages of the Dogon. National Science Foundation (NSF) award No. BCS-0537435. PI Jeffrey Heath. Position: field researcher and technical lead. https://www.nsf.gov/awardsearch/showAward?AWD_ID=0537435.

2004–2005 Creating a Grammar, Dictionary, and Texts of the Dogon Languages of Mali, West Africa. National Endowment for the Humanities (NEH) award no. PA-50643. PI Jeffrey Heath. Position: programmer.

2003–2005 Description of Chorote, Nivaclé and Kadiwéu: three of least known and most endangered languages of the Chaco. Endangered Languages Documentation Programme (Rausing Charitable Fund), SOAS, University of London. PIs Lyle Campbell (U. Utah), Verónica Grondona (EMU) and Filomena Sandalo (IEL-Unicamp). Position: programmer.

2001–2005 Electronic Metastructure for Endangered Languages Data (E-MELD). National Science Foundation (NSF) award No. BCS-0094934. PIs Helen Aristar-Dry and Anthony Aristar (WSU). Positions: project manager and lead web developer. https://www.nsf.gov/awardsearch/showAward?AWD_ID=0094934. Project homepage: http://emeld.org/

GUEST RESEARCHER OR FELLOW

2023–2024	**Department of Computational Linguistics**
	University of Zurich, Zurich, Switzerland.
2023	**DFG Center for Advanced Studies: Words, Bones, Genes, Tools**
	University of Tübingen, Tübingen, Germany (July).
2020–2021	**Department of Anthropology**
	University of Zurich, Zurich, Switzerland.
2020–2021	**Department of Comparative Language Science**
	University of Zurich, Zurich, Switzerland.
2010	**Department of Linguistics**
	Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany (January).
2006	**Department of Linguistics**
	Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany (August–September).

TECHNICAL SKILLS (PAST & PRESENT)

- Basic statistics, Command line, Coldfusion, CSS, Git, HTML, Javascript, Jupyter, LaTeX, Linked Data, Linux, Markdown, MySQL, OS X, OWL, Photoshop, PHP, Python, R, RDF, SPARQL, SQL, Unix, XML

- Extensive experience in: the Unicode Standard and multilingual character encodings, text processing and data mining, orthographic segmentation, syntactic & semantic data interoperation, database design and implementation, web applications development, digital archiving & digitizing language documentation and multimedia, qualitative and quantitative analysis

- Strong background in technical project management and team building

- For various coding projects, see: https://github.com/bambooforest/

- Data creator and curator of PHOIBLE Online (http://phoible.org/), a broad coverage cross-linguistic database of phonological inventory data on sounds of the world's languages

- Data contributor and curator the Dogon and Bangime Linguistics project website (http://dogonlanguages.info/), a comprehensive multilingual and multimedia resource on the Dogon language family in Mali

FIELDWORK

- **Toro So** (Dogon; ISO 639-3: dts) in Bobo-Dioulasso, Burkina Faso (Mali unsafe during this period, 2013); continuation of grammar and dictionary development

- **Toro So** in Douentza and Sangha, Mali (2009); initial English–French–Toro So dictionary and grammar development

- **Western Sisaala** (Niger-Congo; Gur; ISO 639-3: ssl) in Lambussie, UWR, Ghana (2003); orthography, dictionary and grammar development; extensive grammatical knowledge

LANGUAGES

- **English** native

- **German** proficient

- **French** basic

- **Toro So** extensive grammatical knowledge through on-site fieldwork

- **Sisaala** extensive grammatical knowledge through on-site fieldwork

- **Akan** taught field methods course

- **Ga** taught field methods course

- **Tigrinya** field methods course participant

- **Sisaala** field methods course participant

INVITED PARTICIPANT

2017 'Quantitative Methods - Spring School 2017', sponsored by the Max Planck Institute for the Science of Human History (MPI SSH). May 8–14. Jena, Germany.

2017 'LD4LR: Linked Data for Linguistic Research', sponsored by the Common Lab Research Infrastructure for the Arts and Humanities (CLARIAH) initiative. February 6–7. Utrecht, The Netherlands. https://www.clariah.nl/en/new/blogs/linked-data-for-linguistic-research.

2015 'Workshop on Language Comparison with Linguistic Databases', sponsored by the Max Planck Institute for Evolutionary Anthropology. April 30. Leipzig, Germany. https://www.eva.mpg.de/linguistics/conferences/2014-ws-lanclid2/index.html.

2014 'Workshop on Language Comparison with Linguistic Databases: RefLex and Typological Databases', sponsored by the Max Planck Institute for Psycholinguistics. October 7–9. Nijmegen, The Netherlands. http://www.mpi.nl/events/language-comparison-with-linguistic-databases-reflex-and-typological-databases.

2012 'Simulation of Diachrony', sponsored by the Department of General Linguistics, University of Zurich. November 5–6. Zurich, Switzerland.

2012 'Multilingual Web Workshop: Linked Open Data and Multilingual Web-LT Requirements', sponsored by the World Wide Web Consortium (W3C), Trinity College Dublin, and the European Commission. June 11–13. Dublin, Ireland. https://www.multilingualweb.eu/documents/dublin-workshop/dublin-cfp.

2012 'Typological databases in RDF', sponsored by the Max Planck Institute for Evolutionary Anthropology. March 14–15, Leipzig, Germany.

2009 'Cyberling 2009', sponsored by the Linguistic Society of America, the US National Science Foundation, and the University of California, Berkeley. July 17–19. Berkeley, California. https://www.linguisticsociety.org/sites/default/files/Cyberling2009Workshop_FinalReport.pdf.

2009 'Dogon Dictionary Development', sponsored by the Centre National de la Recherche Scientifique et Technologique (CNRST), Mali. June 8–10, Bamako, Mali, West Africa. Workshop coordinator with Jeffrey Heath.

2009 'Lexicon Integration with the Gold Ontology (LEGO)', sponsored by the Institute for Language Information and Technology and Eastern Michigan University. March 6–8, Ypsilanti, Michigan.

2007 'Toward the Interoperability of Language Resources – Working group on Lexicon Schemas and Related Data Models', sponsored by the US National Science Foundation, Stanford University, the University of Kansas, Eastern Michigan University, and The Linguist List. July 13–15, Stanford University, Palo Alto, California.

2006 'Digital Tools Summit in Linguistics (DTSL)', sponsored by the US National Science Foundation. Working group on Fieldwork and Archiving. June 22–23, Lansing, Michigan.

AWARDS

2024 Top 100 downloaded papers published in *Scientific Reports* (rank 96 out of 30,985) for Ekström et al., "Chimpanzee utterances refute purported missing links for novel vocalizations and syllabic speech". https://www.nature.com/collections/afjdaicdhg https://www.nature.com/collections/bghjhfeegc

2013 Nominated for the E.W. Beth Dissertation Prize for outstanding dissertations in the fields of Logic, Language, and Information (FoLLI—the Association for Logic, Language, and Information) by Professors Emily Bender and Richard Wright (UW).

2013 Nominated for the University of Washington's Graduate School Distinguished Dissertation Award 2013 by the UW Linguistics Department (one nomination annually per department).

2012 Awarded best paper for 'A Python Library for Historical Comparative Linguistics' (with Johann-Mattis List), presented at EuroSciPy 2012. August 23–27. Brussels, Belgium.

2010 Excellence in Linguistic Research Graduate Award, Linguistics Department, University of Washington. **One award annually**.

2006 Fulbright Scholar alternate.

2001 Distinguished Undergraduate Student in Linguistics, Eastern Michigan University. **One award annually**.

1999–2001 Dean's List, Eastern Michigan University.

GRANTS

2019 Swiss National Science Foundation (SNSF) Eccellenza Professorial Fellowship. Project title: 'Evolution of phonetics and phonology (EVOPHON)'. Duration 2020–2025. Steven Moran, Principal Investigator. Awarded 1,890,688 CHF ($1,914,298). Project number PCEFP1_186841. Description: https://data.snf.ch/grants/grant/186841.

2016 'TYPDB: a unified interface to typological databases' with Balthasar Bickel, Paul Widmer and Taras Zakharko. Grant awarded from the UFSP Sprache und Raum, University of Zurich. Awarded 10,000 CHF.

2013 'Combining geography and language data to investigate the vertical diffusion of linguistic features due to language contact' with Curdin Deungs and Balthasar Bickel. Grant awarded from the UFSP Sprache und Raum, University of Zurich. Awarded 10,000 CHF.

2008 PHOIBLE: Phonetics Information Base and Lexicon, with Richard Wright. Royalty Research Fund, University of Washington. Awarded $37,375.

2007 Student Technology Fund Proposal 2007–059–1, University of Washington Language Learning Center, Open Lab Upgrade. Awarded $60,795.65.

2006 Student Technology Fund Proposal 2006–069–2, University of Washington Language Learning Center, PC Lab Replacement. Awarded $84,829.88.

2013 Travel grant for fieldwork in Burkina Faso, Swiss Society of Endangered Languages.

2013–2019 Travel grants for conference travel, University of Zurich.

2006–2010 Travel grants for conference travel, University of Washington.

2001–2005 Travel grants for conference travel, Eastern Michigan University.

ACADEMIC SERVICE: WORKSHOP ORGANIZATION

2019 'Current research in phonological typology', co-organized with Eitan Grossman, hosted at the 13th meeting of the Association for Linguistic Typology (ALT). September 4–6, Pavia, Italy.

2019 'Phonological (in)stability', co-organized with Eitan Grossman, hosted at the 52nd Annual Meeting of the Societas Linguistica Europaea (SLE). August 21–24, Leipzig, Germany.

2018 'Comparative corpus linguistics: new perspectives and applications', co-organized with Natalia Levshina and Annemarie Verkerk, hosted at the 51st Annual Meeting of the Societas Linguistica Europaea (SLE). August 29 – September 1, Tallinn, Estonia.

2017 'Non-linguistic causes of linguistic diversity', co-organized with Antonio Benitez Burraco and Dan Dediu, hosted at the 50th Annual Meeting of the Societas Linguistica Europaea (SLE). September 10–13, Zurich, Switzerland.

2012 'Multilingual Linked Open Data for Enterprises (MLODE)' co-organized with Sebastian Hellmann and co-located with Leipziger Semantic Web Day. September 24–25, Leipzig, Germany.

ACADEMIC SERVICE: ADVISING

2024– Executive director and moderator of Linguist List.

2022–2024 Elected president of the eLinguistics Foundation (intellectual property owner of Linguist List).

2020– Editorial board member for Topics in Phonological Diversity.

2019–2024 Elected board member of the eLinguistics Foundation.

2019–2022 Language Science Press Advisory Board.

2013–2019 Linguist List Advisory Panel.

2007–2012 Linguistic Society of America Technology Advisory Committee (LSA-TAC).

ACADEMIC SERVICE: JOURNAL AND BOOK REVIEWING

2025 Reviewer for *Linguistic Typology*.

2025 Reviewer for *Journal of Language Evolution*.

2025 Reviewer for *Scientific Data*.

2025 Reviewer for *Scientific Data*. (Yes, twice in 2025.)

2025 Reviewer for *Behavior Research Methods*.

2025 Reviewer for *Journal of Open Humanities Data*.

2025 Reviewer for *Science*.

2024 Reviewer for *Human Nature*.

2024 Reviewer for *Language Dynamics and Change*.

2024 Reviewer for *Phonology*.

2024 Reviewer for *Journal of Language Evolution*.

2024 Reviewer for *Linguistic Typology*.

2023– Area editor for *Linguistics Vanguard* (computational linguistics).

2023 Reviewer for *Frontiers in Psychology*.

2023 Reviewer for *The Oxford Guide to the Papuan Languages*.

2023 Reviewer for *Humanities and Social Sciences Communications*.

2023 Reviewer for *Linguistic Typology*.

2022 Reviewer for *Trends in Cognitive Science*.

2022 Reviewer for *Phonology*.

2022 Reviewer for *Journal of Language Evolution.*

2022 Reviewer for *Language.*

2021 Reviewer for *Scientific Data.*

2021 Reviewer for *Oxford Guide to the Languages of the Central Andes.*

2021 Reviewer for *Phonetica.*

2021 Reviewer for *BioEssays.*

2021 Reviewer for *Language Documentation & Conservation.*

2021 Reviewer for *Semantic Web Journal.*

2021 Reviewer for *Language.*

2021 Reviewer for *Language Dynamics and Change.*

2021 Reviewer for *Linguistic Typology.*

2020 Reviewer for *Diachronica.*

2020 Reviewer for *Frontiers Psychology.*

2020 Reviewer for *Linguistics Vanguard.*

2020 Reviewer for *Philosophical Transactions of the Royal Society B.*

2020 Reviewer for *Scientific Reports.*

2019 Reviewer for *Lingua.*

2019 Reviewer for *Linguistics Vanguard.*

2019 Reviewer for *Open Handbook of Linguistic Data Management.*

2018 Reviewer for *PLOS ONE.*

2018 Reviewer for *Journal of Language Evolution.*

2018 Reviewer for *Linguistic Typology.*

2018 Reviewer for Language Science Press.

2017 Reviewer for *Journal of Language Evolution.*

2017 Reviewer for *Laboratory Phonology.*

2017 Reviewer for *Linguistic Typology.*

2016 Reviewer for *Journal of Language Evolution.*

2016 Reviewer for *Journal of the International Phonetic Association.*

2016 Reviewer for *Laboratory Phonology.*

2016 Reviewer for *Phonology.*

2015 Reviewer for *Journal of the International Phonetic Association.*

2015 Reviewer for *Language Resources and Evaluation.*

2015 Reviewer for *Phonology.*

2014 Reviewer for *Histoire Épistémologie Langage.*

2014 Reviewer for *Language Resources and Evaluation.*

2013 Reviewer for *Language Dynamics and Change.*

2013 Reviewer for *Linked Data in Linguistics: Representing and linking lexicons, terminologies and other language data.*

2013 Reviewer for *Semantic Web Journal.*

2013 Reviewer for *Studies in Language.*

2011 Reviewer for *Selected Proceedings of the 42nd Annual Conference on African Linguistics: African Languages in Context* (Michael R. Marlo, Nikki B. Adams, Christopher R. Green, Michelle Morrison and Tristan M. Purvis, eds.).

ACADEMIC SERVICE: FUNDING AGENCY REVIEWING

2024 The Leakey Foundation.

2024 College of Arts and Sciences Graduate Student Research Awards (University of Miami).

2022 Reviewer for the Bilateral Japanese-Swiss Science and Technology Program (ETH Zurich).

2022 Reviewer for the European Research Council (ERC).

2022 Reviewer for Union of German Academies of Sciences and Humanities.

2022 Reviewer for Israel Science Foundation (ISF).

2021 Reviewer for Endangered Language Documentation Programme (ELDP).

2019 Reviewer for Endangered Language Documentation Programme (ELDP).

2018 Reviewer for Biotechnology and Biological Sciences Research Council (BBSRC).

2018 Reviewer for National Science Center, Poland.

2017 Reviewer for Endangered Language Documentation Programme (ELDP).

ACADEMIC SERVICE: CONFERENCE/WORKSHOP REVIEWING

2025 Scientific committee, 16th International Conference of the Association Linguistic Typology (ALT 16).

2025 Reviewer for Sixteenth International Conference on the Evolution of Language (EVOLANG XVI).

2025 Scientific committee, 15th International Conference on Language Resources and Evaluation (LREC 2026).

2025 Reviewer, 5th Conference on Language, Data and Knowledge (LDK 2025).

2025 Reviewer, Conference on Computational Natural Language Learning (CoNLL 2025).

2024 Reviewer, Association Linguistic Typology (ALT 15).

2024 Reviewer, Conference on Computational Natural Language Learning / Empirical Methods in Natural Language Processing (CoNLL/EMNLP 2024).

2024 Program committee, International Congress of Linguists (ICL 2024).

2024 Reviewer, Association for Computational Linguistics (ACL 2024).

2024 Program committee, The 9th Workshop on Linked Data in Linguistics: Resources, Applications, Best Practices in 2024 (LDL 2024).

2024 Scientific committee for The Seventh Workshop on the Use of Computational Methods in the Study of Endangered Languages (ComputEL-7 2024).

2024 Program committee for Joint International Conference on Computational Linguistics, Language Resources and Evaluation in 2024 (LREC-COLING 2024).

2023 Reviewer for Fifteenth International Conference on the Evolution of Language (EVOLANG).

2023 Reviewer, International Congress of Phonetic Sciences (ICPhS 2023).

2022 Review committee, 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP 2022).

2022 Program committee, 29th International Conference on Computational Linguistics (COLING 2022).

2022 Program committee, 8th Workshop on Linked Data in Linguistics (LDL-2022).

2022 Program committee, Joint Conference on Language Evolution (JCoLE 2022).

2022 Reviewer, Association Linguistic Typology (ALT 14).

2021 Program committee, 3rd Conference on Language, Data and Knowledge (LDK).

2021 Reviewer for Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (ACL-IJCNLP).

2020 Reviewer for 5th Usage-Based Linguistics conference.

2020 Scientific committee, Evolution of Language International Conferences (EVOLANG).

2020 Scientific committee, 12th International Conference on Language Resources and Evaluation (LREC).

2020 Scientific committee, 4th Computational Methods for Endangered Languages (ComputEL-4).

2020 Program committee, 7th Workshop on Linked Data in Linguistics (LDL)

2020 Program committee, 28th International Conference on Computational Linguistics (COLING)

2019 Scientific committee, 2nd Conference on Language, Data, and Knowledge (LDK).

2019 Program committee, Association Linguistic Typology (ALT 13).

2019 Program committee, Language, Data and Knowledge (LDK).

2018 Program committee, 6th Workshop on Linked Data in Linguistics (LDL): Towards Linguistic Data Science.

2018 Program committee, Conference on Computational Linguistics (COLING).

2018 Program committee, International Conference for Graduate students on Diverse Approaches to Linguistics (IGDAL 7).

2018 Scientific committee, 3rd Computational Methods for Endangered Languages (ComputEL-3).

2018 Scientific committee, 11th International Conference on Language Resources and Evaluation Conference (LREC).

2018 Scientific committee, Evolution of Language International Conferences (EVOLANG).

2017 Program committee, 1st International Conference on Language, Data and Knowledge (LDK).

2016 Scientific committee, 10th International Conference on Language Resources and Evaluation (LREC).

2016 Scientific committee, 2nd Workshop on Computational Methods for Endangered Languages (ComputEL-2).

2016 Program committee, 2nd Workshop on Collaboration and Computing for Under-Resourced Languages (CCURL): Towards an Alliance for Digital Language Diversity.

2016 Program committee, 5th Workshop on Linked Data in Linguistics (LDL): Managing, Building and Using Linked Language Resources.

2016 Program committee, Terminology and Knowledge Engineering (TKE): Term Bases and Linguistic Linked Open Data.

2016 Program committee, First Workshop on Knowledge Extraction and Knowledge Integration (KEKI).

2016 Program committee, International Conference on Computational Linguistics (COLING).

2015 Scientific committee, Association for Linguistic Typology (ALT 11).

2015 Program committee, 4th Workshop on Linked Data in Linguistics (LDL): Resources and Applications.

2014 Program committee, Collaboration and Computing for Under-resourced Languages in the Linked Open Data Era (CCURL).

2014 Program committee, 3rd Workshop on Linked Data in Linguistics (LDL): Multilingual Knowledge Resources and Natural Language Processing.

2014 Scientific committee, 8th Days of Swiss Linguistics.

2014 Scientific committee, 9th International Conference on Language Resources and Evaluation (LREC).

2014 Scientific committee, 1st Workshop on Computational Methods for Endangered Languages (ComputEL).

2012 Program committee, Deutsche Gesellschaft für Sprachwissenschaft (DGfS) Workshop: Linked Data in Linguistics.

2012 Program committee, European Association of Computational Linguistics (EACL) Workshop: LINGVIS & UNCLH.

2012 Program committee, Proceedings of Annual Conference on African Linguistics.

ACADEMIC SERVICE: OTHER

2025 University of Miami Curriculum Committee.

2024 Reviewer, Linguistic Society of Hong Kong (LSHK) Outstanding Thesis Award.

2024 Editor, the Linguist List.

2006 Technical liaison for the 25th West Coast Conference on Formal Linguistics. April 28–30. University of Washington, Seattle, Washington.

2006 Media coordinator for Word Languages Day 2006. March 3. University of Washington, Seattle, Washington.

2005–2009 Editor of the *University of Washington Working Papers in Linguistics.*

2005 Liaison and media coordinator at the Breath of Life Conference at the University of Washington. September 12–16, Seattle, Washington.

2005 Working group liaison at the E-MELD Workshop 2005: Conference on Linguistic Ontologies and Data Categories for Language Resources. July 1–3, Cambridge, Massachusetts.

2004 Working group liaison for the E-MELD Workshop 2004: Conference on Linguistic Databases and Best Practice. July 15–18, Detroit, Michigan.

2003 Voluntary instructor of English Grammar and Conversation. Lambussie Secondary School. Lambussie, Ghana.

2002 Working group liaison for the E-MELD Workshop 2002: Conference on Digitizing Lexical Information. August 2–5, Ypsilanti, Michigan.

PROFESSIONAL MEMBERSHIPS (PAST & PRESENT)

- American Association for the Advancement of Science (AAAS)
- Association of Computational Linguistics (ACL)
- Association of Linguistic Typology (ALT)
- Center for the Interdisciplinary Study of Language Evolution (ISLE)
- European Language Resources Association (ELRA)
- International Phonetic Association (IPA)
- International Speech Communication Association (ISCA)
- Linguistic Society of America (LSA)
- Linguistics Society at the University of Washington (LSUW)
- Open Working Group in Linguistics (OWLG)
- Schweizerische Gesellschaft für bedrohte Sprachen (SGBS)
- Societas Linguistica Europaea (SLE)
- Zurich Center for Linguistics (LiZZ)
- Züricher Kompetenzzentrum Linguistik (ZüKL)

February 19, 2026