# Sandra Auderset

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## Academic positions

08/2023–   Postdoctoral researcher in Historical Linguistics
Department of Linguistics, University of Bern, Switzerland

10/2022–
07/2023   Postdoctoral researcher
Department of Linguistic and Cultural Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig (Germany)

## Education

2022   PHD in Linguistics
University of California, Santa Barbara &
Max Planck Institute for Evolutionary Anthropology, Leipzig
Dissertation: *Confronting challenges in historical linguistics: Quantitative approaches to dialect area subgrouping and tone change in Mixtec* | Committee Chair: Eric W. Campbell (UCSB)

2015   MA in Linguistics (with a minor in Comparative Indo-European Linguistics)
Universität Zürich
Thesis: *Voice and Person Marking - A Typological Study* | Advisor: Balthasar Bickel

2013   BA in General Linguistics and Comparative Indo-European Linguistics
Universität Zürich

## Publications

### JOURNAL ARTICLES

2023   **Auderset, Sandra**, Simon J. Greenhill, Christian T. DiCanio, Eric W. Campbell. Subgrouping in a 'dialect continuum': A Bayesian phylogenetic analysis of the Mixtecan language family. *Journal of Language Evolution.* https://doi.org/10.1093/jole/lzad004

2023    Tallman, Adam J.R. & **Sandra Auderset**. Measuring and assessing indeterminacy and variation in the morphology-syntax distinction. *Linguistic Typology* 27(1), 113–156. https://doi.org/10.1515/lingty-2021-0041

2020    **Auderset, Sandra**. Interrogatives as relativization markers in Indo-European. *Diachronica* 37(4). https://doi.org/10.1075/dia.19030.aud

2017    Widmer, Manuel, **Sandra Auderset**, Johanna Nichols, Paul Widmer & Balthasar Bickel. NP recursion over time: evidence from Indo-European. *Language* 93(4), 799–826. https://muse.jhu.edu/article/680458

### Edited volumes

in press    Tallman, Adam J.R., **Sandra Auderset**, Hiroto Uchihara (eds.). *Constituency in the Americas.* Language Science Press. https://langsci-press.org/catalog/book/291. Pre-prints available from https://sites.google.com/view/constituencytypology/home

### Book chapters

in press    **Auderset, Sandra**, Carmen Hernández Martínez & Albert Ventayol-Boada. *Constituency in Tù'un Ntá'ví (Mixtec) of San Martín Duraznos.* in: Tallman, Auderset, Uchihara (eds.) Constituency in the Americas. Language Science Press

in press    **Auderset, Sandra**, C. de Becker, G. Camacho Rios, E. W. Campbell, J. Carol, M. Duzerol, A. Gutiérrez, C. R. Juárez, M. Lemus Serrano, T. L. Miller, S. Nakamoto, Z. Poirier, A. Salanova, H. Uchihara, N. Weber, A. C. Woodbury, D. Wylie, and Adam J. R. Tallman. *Results and discussion.* in: Tallman, Auderset, Uchihara (eds.) Constituency in the Americas. Language Science Press

2021    **Auderset, Sandra**. The antipassive and its relationship to person markers. In: Janic, Katarzyna & Alena Witzlack-Makarevich (eds.). *Antipassive: Typology, diachrony, and related constructions.* Typological Studies in Language 130. Amsterdam: Benjamins. https://benjamins.com/catalog/tsl.130.12aud

### Proceedings

2018    Lester, Nicholas A., **Sandra Auderset** & Phillip G. Rogers. Case inflection and the functional indeterminacy of nouns: A cross-linguistic analysis. *Proceedings of the 40th Annual Conference of the Cognitive Science Society*, 2029–2034. https://dblp.org/rec/conf/cogsci/LesterAR18.html

# Presentations

### Invited Talks

12/2023   **Sandra Auderset** & Adam J.R. Tallman: *Wordhood and alingment in Duraznos Mixtec pronouns.* The Word, Alignment, Valency: Workshop in Honour of Fernando Zúñiga, Universität Bern

05/2023   **Sandra Auderset**: *(De-)constructing classes: a typological-historical approach to verbal inflection in Mixtec languages.* Institut für Linguistik, Universität zu Köln

05/2023   Adam J.R. Tallman & **Sandra Auderset**: *Dónde queda la palabra fonológica? - Un estudio de unas lenguas de las Américas.* Instituto de Investigaciones Filológicas, Universidad Nacional Autónoma de México

05/2022   **Sandra Auderset**: *Subgrouping in a 'dialect continuum': Exploring Mixtec language history.* Linguistics Colloquium, University of California Santa Barbara

11/2020   **Sandra Auderset**: *El tono en el Mixteco de San Martín Duraznos.* Taller internacional virtual: Reflexiones gramaticales sobre las lenguas indígenas de América. Universidad Pública El Alto – online

### Conference Talks

09/2023   **Sandra Auderset**. *Is tone change more irregular and rapid than segmental change? A Mixtec case study.* 26th International Conference on Historical Linguistics – Universität Heidelberg

08/2023   **Sandra Auderset** & Eric W. Campbell: *Comprehensive database of sound changes reveals tree-like and wave-like processes in the Mixtec language family.* 56th Annual Meeting of the Societas Linguistica Europaea – National and Kapodistrian University of Athens

04/2023   Carmen Martínez Hernández, Griselda Reyes Basurto, Jeremías Salazar, **Sandra Auderset**, Guillem Belmar, Eric W. Campbell, Simon L. Peters, Giorgia Troiani: *Trabajos sobre lenguas mixtecas en California, parte 2: resultados.* Congreso sobre Lenguas Otomangues y Vecinas IX, Centro Cultural San Pablo – Oaxaca

03/2023   Inî G. Mendoza, Simon L. Peters, **Sandra Auderset**: *Dynamic social and spatial relations shape mutual intelligibility between two Mixtec communities.* International Conference on Language Documentation & Conservation, University of Hawai'i at Mānoa – online

01/2023   **Sandra Auderset**, Simon L. Peters, Inî G. Mendoza: *Limitations of intelligibility: Dynamic relations between Mixtec communities.* Meeting of the Society for the Study of the Indigenous Languages of theAmericas (SSILA) – online

08/2022   **Sandra Auderset** & Eric W. Campbell: *Subgrouping in a 'dialect continuum': A Bayesian phylogenetic analysis of the Mixtecan language family.* 25th International Conference on Historical Linguistics, University of Oxford

08/2021    **Sandra Auderset** & Adam J.R. Tallman: *Revisiting clitic phenomena in Mixtec.* 54$^{nd}$ Annual Meeting of the SLE – online

04/2021    **Sandra Auderset**: *Morphosyntactic positions and the indeterminacy of constituency diagnostics: a case study of San Martín Duraznos Mixtec.* Workshop on Constituency, wordhood and the morphology-syntax distinction, CNRS-DDL, Lyon – online

03/2021    **Sandra Auderset**, Albert Ventayol-Boada, Carmen Hernández Martínez: *Learning together through literacy materials in Tù'un Na Ñuu Sá Matxí Ntxè'è (Mixtec): integrating pedagogical outputs into research outcomes.* 7$^{th}$ International Conference on Language Documentation and Conservation, University of Hawai'i at Mānoa – online

03/2021    **Sandra Auderset**, Anna Bax, Mary Buchholtz, Eric W. Campbell, Alexia Z. Fawcett, Carmen Hernández Martínez, Gabriel Mendoza, Simon L. Peters, Griselda Reyes Basurto, Jeremías Salazar, Albert Ventayol-Boada: *Beyond binaries in community-centered research relationships.* 7$^{th}$ International Conference on Language Documentation and Conservation, University of Hawai'i at Mānoa – online

10/2019    **Sandra Auderset** & Carmen Hernández Martínez: *Hacía un análisis de la flexión verbal en el Tù'un Na Ñuu Sá Matxí Ntxè'è (Mixteco de San Martín Duraznos.* 9$^{th}$ Conference on Indigenous Languages of Latin America, University of Texas at Austin

10/2019    Eric Campbell, **Sandra Auderset**, Simon Peters, Albert Ventayol-Boada, Chris Brendel, Kevin Schaefer: *Correspondencias tonales regulares e irregulares en lenguas mixtecas de California.* 9$^{th}$ Conference on Indigenous Languages of Latin America, University of Texas at Austin

09/2019    **Sandra Auderset**, Chris Brendel, Eric W. Campbell, Simon L. Peters, Kevin Schaefer, Albert Ventayol-Boada: *An empirical reconsideration of tone volatility and segment stability in Mixtec languages.* 13$^{th}$ Meeting of the ALT, Università degli Studi di Pavia

08/2019    **Sandra Auderset**, Chris Brendel, Eric W. Campbell, Simon L. Peters, Kevin Schaefer, Albert Ventayol-Boada: *Advancing the diachronic and typological study of tone with comparative lexical databases: a case study of five Mixtec varieties.* 52$^{nd}$ Annual Meeting of the SLE, Universität Leipzig

08/2019    **Sandra Auderset** & Adam Tallman: *Reassessing morphological autonomy.* 52$^{nd}$ Annual Meeting of the SLE, Universität Leipzig

07/2018    Adam Tallman & **Sandra Auderset**: *Exploring statistical methods in the assessment of morphological autonomy: a view from Amazonia.* Morphosyntactic misfits: Clitics, particles, and non-canonical affixes in the languages of the Americas, Pontificia Universidad Católica del Perú, Lima

04/2018    **Sandra Auderset**: *Unity and diversity in causative constructions of Mixtec languages.* 21$^{st}$ Workshop on American Indigenous Languages (WAIL), University of California Santa Barbara

12/2017    **Sandra Auderset**: *The interrogative-relative polysemy in Indo-European in space and time.* 12$^{th}$ Meeting of the ALT, Australian National University, Canberra

12/2017 **Sandra Auderset**, Phillip G. Rogers, Fermín Moscoso del Prado Martín: *The influence of geography and genealogy on the distribution of typological features.* 12th Meeting of the ALT, Australian National University, Canberra

09/2017 **Sandra Auderset**: *The interrogative-relative polysemy revisited: Insights from Iranian and beyond.* 50th Annual Meeting of the SLE, Universität Zürich

09/2016 **Sandra Auderset**: *One way or another? – The antipassive and its relationship to person markers.* 49th Annual Meeting of the SLE, Università degli Studi di Napoli Federico II

10/2015 **Sandra Auderset**: *The diachronic connection between person and voice.* Transalpine Typology Meeting, Université Lumière Lyon II

## Resources

2023– **Sandra Auderset** & Eric W. Campbell: *MixteCaSo – Mixtec Sound Change database.* Comprehensive archive of Mixtec sound changes from proto-Mixtec to 105 contemporary varieties, coded with a common methodology.
- current version on Github at https://github.com/SAuderset/MixteCaSo
- v1.0 (11/2023) on Zenodo at https://doi.org/10.5281/zenodo.10143871

2023– Adam J.R. Tallman & **Sandra Auderset**: *Constituency and Convergence database.* Typological database containining planar structures and results of constituency tests applied across multiple languages with a common methodology.
- current version on Github at https://github.com/Constituency-and-Convergence/Constituency-Database
- v1.0 on Zenodo at https://doi.org/10.5281/zenodo.10076550

2023– Carmen Hernández Martínez, **Sandra Auderset**, Albert Ventayol-Boada, Eric W. Campbell. *Tù'un Ñuu Sá Mátxíí Ntxè'è website.* A collection of community oriented materials and language learning games. Url: https://sites.google.com/view/mixteco-smd

2022– **Sandra Auderset** & Eric W. Campbell: MixteCoDB: Mixtecan cognate database. Cognate coded lexical entries from 134 Mixtecan languages, standardized to IPA.
- current version on Github at https://github.com/SAuderset/MixteCoDB
- v1.1 (11/2023) on Zenodo at https://doi.org/10.5281/zenodo.10367808
- v1.0 (07/2022) on Zenodo at https://doi.org/10.5281/zenodo.7940497

2022 **Sandra Auderset** & Carmen Hernández Martínez: Documenting Tù'un Na Ñuu Sá Matxí Ntxè'è (San Martín Duraznos Mixtec). ELAR collection: https://www.elararchive.org/dk0629/. Audio-visual corpus of naturalistic speech, partially transcribed and translated.

## Language Documentation

2023–
ongoing
Cuicatec (Otomanguean) of Santos Reyes Pápalo and neighboring villages: documentation work in Cuicatlán and Santos Reyes Pápalo (Oaxaca, Mexico)

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|---|---|
| 2018–ongoing | Tù'un Na Ñuu Sá Matxíí (San Martín Duraznos Mixtec, Otomanguean): field methods class at UCSB 2017-2018, documentation work in Oxnard (California) and San Martín Duraznos (Oaxaca, Mexico) |
| 2017–2019 | Various Mixtec languages (Otomanguean; `mixt1427`): collaborator in Mixtec community linguistics courses at MICOP (Mixteco Indígena Community Organizing Project) in Oxnard, California. |
| 2013 | Cebuano (Austronesian; `cebu1242`): field methods class at the University of Zurich (15 weeks). |

## Grants & Awards

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|---|---|
| 2023 | Best postdoc paper, 1$^{st}$ place – 56th Annual Meeting of the Societas Linguistica Europaea – National and Kapodistrian University of Athens |
| 2019–2022 | Endangered Languages Documentation Programme – Small Grant (£10'000)<br>Project: *Documenting Tù'un Na Ñuu Sá Matxí (San Martín Duraznos Mixtec)* |
| 2018 | Chafe-Mithun Fund for Research on Understudied Languages ($2000)<br>Project: *Contributing to the creation of teaching materials, a talking dictionary, and a sketch grammar of San Martín Duraznos Mixtec* |
| 2016 | UCSB Department of Linguistics Fellowship (1 year, $22'000) |

## Teaching

### Current – University of Bern

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|---|---|
| Spring 2024 | Quantitative research methods: Linguistic data analysis using R. MA and advanced BA (14 weeks) |
| Spring 2024 | Einführung in die Sprachwissenschaft: Morphosyntax. BA. (14 weeks) |
| Fall 2023 | Guest Lecture: Language Evolution. Ringvorlesung [lecture series]. BA (1.5h) |

### Workshops and summer schools

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|---|---|
| 2022 | Teach-In: Quantitative Methods for Typologists Using R (6h)<br>at: 14th Conference of the Association for Linguistic Typology, Austin, Texas<br>Co-Instructor with Olena Shcherbakova and Adam Tallman<br>materials available on GitHub at https://github.com/OlenaShcherbakova/R_teach_in |
| 2021 | MPI-SHH Summer School: Doorway to Human History (1.5h)<br>Co-Instructor with Rodrigo Barquera: Genetic and linguistic relationships in the Americas<br>Instructor: LaTeX for Linguists |

2017–2019   University of California Santa Barbara

TA: Historical Linguistics | Instructor: Matthew Gordon – Spring 2019

TA: Syntax | Instructor: Eric W. Campbell – Winter 2019

Instructor: Statistical Methodology – Fall 2018

TA: Morphology | Instructor: Marianne Mithun – Spring 2018

TA: Introduction to Linguistics | Instructor: Caroline Crouch – Winter 2018

TA: Language and Power | Instructor: Audrey Lopez – Fall 2017

TA: Language, Power, and Learning | Instructor: Mary Bucholtz – Spring 2017

Reader: Languages of the World | Instructor: Bernard Comrie – Winter 2017

2011-2016   University of Zurich

TA: Syntax | Instructors: Manuel Widmer, Giorgio Iemmolo – Spring 2016, Spring 2014

TA: Qualitative and quantitative analysis | Instructor: Steven Moran – Spring 2015

TA: Introduction to Sanskrit | Instructor: Roland Litscher – Fall 2011, Spring 2012, Fall 2014

# Additional experience

## Research

2018   University of California Santa Barbara

RA: *WhatEvery1Says - The Humanities in Public Discourse* (http://we1s.ucsb.edu/) | PIs: Alan Liu (UCSB), Jeremy Douglass (UCSB), Scott Kleinman (CSUN), Lindsay Thomas (U Miami)

2011-2016   University of Zurich

RA: *Hierarchical structure in noun phrases and compounds* – Oct 2014-Feb 2015, Oct 2015-Aug 2016 | PIs: Manuel Widmer; Balthasar Bickel; Paul Widmer; Giorgio Iemmolo

RA: *Acquisition processes in maximally diverse languages: Min(d)ing the ambient language* – Dec 2015-Feb 2016 | PI: Sabine Stoll

RA: *Towards a corpus-based analysis of clause linkage* – Jun 2012-Apr 2014 | PIs: Taras Zakharko; Balthasar Bickel

RA: *Verbal nouns in Celtic and Indoiranian* – Jul 2011-Jun 2012 | PIs: Karin Stüber; Thomas Zehnder

2014   Max Planck Institute for Psycholinguistics, Nijmegen NL

Trainee: *Linguistic adaptations to processing in V-initial languages* | PIs: Sebastian Sauppe, Elisabeth Norcliffe

## Education

2021   Taming the BEAST (Bayesian evolutionary analysis by sampling trees). Summer School by ETH Zürich, University of Zurich, University of Basel. Online

2021   Statistical Rethinking. Richard McElreath, Max Planck Institute for Evolutionary Anthropology

| 2020 | Reproducible Workflows for Scientific Computing. Max Planck Institute for Evolutionary Anthropology |
| 2019 | Language Universals and Language Diversity in an Evolutionary Perspective. Lake Como School of Advanced Studies |
| 2019 | ELDP Training for grantees. SOAS at London |
| 2017 | SLE Summer School, Université de Neuchâtel |
| 2014 | Summer School in Language Documentation and Linguistic Diversity, Universitet Stockholm |

## Skills

### Technical

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|---|---|
| Scientific computing | R with tidyverse (advanced), Python (basic), Git and GitHub |
| Typesetting | LaTeXincluding Overleaf, Markdown, LibreOffice |
| Documentation | ELAN (advanced), Praat (basic), ffmpeg (intermediate) |

### Languages

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|---|---|
| German & Swiss German | native |
| English | proficient (speaking, reading, writing) |
| Spanish | intermediate (speaking, reading, writing) |
| Duraznos Mixtec | research knowledge |
| French | intermediate (reading), basic (speaking, writing) |
| Latin, Sanskrit, Ancient Greek | intermediate (reading) |

## Academic services

| ad hoc | reviewer for Scientific Reports |
| ad hoc | reviewer for Language Dynamics and Change |
| 2023 | abstract reviewer for SSILA – Society for the Study of the Indigenous Languages of the Americas |
| 2017–2019 | abstract reviewer for WAIL - Workshop on American Indigenous Languages |
| 2016– | proofreader for Language Science Press |

## Memberships

| 2022– | Society for the Study of the Indigenous Languages of the Americas |
| 2016– | Societas Linguistica Europaea |
| 2015– | Association for Linguistic Typology |
| 2016–2018 | Linguistic Society of America |
| 2009-2017 | Indogermanische Gesellschaft |