Sabine Laszakovits [saˈbiːnə laˈsɑkovitʃ]   CV

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1   Research Interests

Natural Language Processing (NLP): Dependency parsing, information extraction (IE), named entity recognition (NER), entity linking (EL), text classification.

Data analysis: Machine learning (ML), inferential statistics.

Mathematical linguistics: Minimalist Grammars, subregular syntax, syntactic dependencies.

Theoretical linguistics: Case, agreement, argument structure, impersonal passives.

Languages: American Sign Language (ASL), Bavarian, German, Turkic languages: Karakalpak, Kyrgyz, Turkish.

2   Employment

since 2019	Data Analyst Austrian Center for Digital Humanities and Cultural Heritage (ACDH-CH) Austrian Academy of Sciences (ÖAW), Austria https://www.oeaw.ac.at/acdh/team/current-team/sabine-laszakovits/
2014–2019	Graduate research/teaching assistant Linguistics department University of Connecticut, USA
2011–2014	Undergraduate assistant (*studentische Hilfskraft*) Department of German studies University of Vienna, Austria
2010–2011	Teaching assistant Institute of Logic and Computation & Institute of Information Systems Engineering TU Wien, Austria

3   Education

3.1   Post-secondary institutions

PhD	University of Connecticut (USA), **Linguistics**	2014 – ongoing
	Thesis: *A computational typology of syntactic dependencies*	
	Committee: Susi Wurmbrand (chair), Thomas Graf, Stefan Kaufmann, Jon Sprouse	

	Visiting student, Stony Brook University (USA), **Linguistics**	Sept–Dec 2018

Sponsor: Thomas Graf

MA	University of Connecticut (USA), **Linguistics**	2018

Diploma	University of Vienna (Austria), **General Linguistics**	2007 – 2013

Thesis: *Specificity and Differential Object and Subject Marking in Turkish* [pdf]
Supervisor: Martin Prinzhorn

BSc	Vienna UT (Austria), **Software and Information Engineering**	2008 – 2013

Thesis: *Der Hoare-Kalkül* ('The Hoare Calculus') [pdf]
Supervisor: Christian Fermüller

3.2 'Summer' Schools

- AI workshop on Deep Learning for computer vision and NLP, April 24, 2019, UConn

- Eastern Generative Grammar (EGG), Jul./Aug. 2014, Debrecen, Hungary

- GLOW Spring School 1, Apr. 2014, Brussels, Belgium

- Winter School on Verification, Feb. 2012, Austrian Society for Rigorous Systems Engineering (ARiSE) & Vienna Center for Logic and Algorithms (VCLA), Vienna, Austria

- Eastern Generative Grammar (EGG), Jul./Aug. 2011, České Budějovice, Czech Rep.

- Eastern Generative Grammar (EGG), Jul./Aug. 2010, Constanţa, Romania

- Eastern Generative Grammar (EGG), Jul./Aug. 2009, Poznań, Poland

- Summer School Mathematik, August 2006, University of Vienna & University of Innsbruck, Saalbach-Hinterglemm, Austria

4 Fellowships & Awards

Doctoral Dissertation Fellowship The Graduate School, UConn, Spring 2020.

Doctoral Student Travel Fellowship The Graduate School, UConn, Fall 2019.

Department Fellowship Linguistics, UConn, Fall 2019.

Predoctoral Fellowship The Graduate School, UConn, 2018–19.

Student Travel Stipend Award as part of the 3rd Conference on Central Asian Languages and Linguistics (ConCALL-3), awarded by the Center for Languages of the Central Asian Region (CeLCAR), Indiana University, 2018.

Predoctoral Fellowship The Graduate School, UConn, 2017–18.

Teaching Excellence Commendation letter, UConn Provost, 2017.

Predoctoral Fellowship The Graduate School, UConn, 2014–15, 2015–16, 2016–17.

5 Publications

5.1 Conference proceedings papers (paper peer-reviewed)

[1] **2018**. "Case theory in Minimalist Grammars". In: *Formal Grammar 2018. 23rd International Conference, FG 2018, Sofia, Bulgaria, August 11-12, 2018, Proceedings*. Ed. by Annie Foret, Greg Kobele, and Sylvain Pogodalla. Vol. 10950. Theoretical Computer Science and General Issues. Berlin/Heidelberg, Germany: Springer, pp. 37–61. DOI: 10.1007/978-3-662-57784-4_3.

[2] **2017**. "A configurational account of Turkish differential subject marking". In: *ConSOLE XXV. Proceedings of the 25th Conference of the Student Organization of Linguistics in Europe (4–6 January 2017, University of Leipzig, Germany)*. Ed. by Kate Bellamy, Anastasiia Ionova, and George Saad. Leiden University Center for Linguistics. URL: https://www.universiteitleiden.nl/binaries/content/assets/geesteswetenschappen/lucl/sole/console-xxv.pdf.

[3] **2014**. "ACC as topic marker in Turkish". In: *Wiener Linguistische Gazette* 78A, pp. 166–177. URL: https://wlg.univie.ac.at/archiv/sonderausgabe-78a2014/.

5.2 Conference proceedings papers (abstract peer-reviewed)

[4] **2020** (with Thomas Graf). "Diagnosing movement via the absence of c-command relations". In: *Proceedings of the Pennsylvania Colloquium in Linguistics 43*. Vol. 26.1. University of Pennsylvania Working Papers in Linguistics. Philadelphia, PA, USA: Penn Graduate Linguistics Society, University of Pennsylvania. URL: https://repository.upenn.edu/pwpl/vol26/iss1/16/.

[5] **2019**. "On possessed relative clauses in Kyrgyz". In: *Proceedings of the 14th Workshop on Altaic Formal Linguistics (WAFL 14)*. Ed. by Tatiana Bondarenko, Colin Davis, Justin Colley, and Dmitry Privoznov. Vol. 90. MIT Working Papers in Linguistics. Cambridge, MA, USA: MIT Press, pp. 157–168. URL: http://mitwpl.mit.edu/catalog/mwpl90/.

[6] **2018a** (with Marcin Dadan, Kadir Gökgöz, Jayeon Park, and Yong-suk Yoo). "The real(is) distinction in 'before' and 'after' clauses: A crosslinguistic study". In: *Formal Approaches to Slavic Linguistics #25: The Third Cornell Meeting 2016*. Ed. by Wayles Browne, Miloje Despić, Naomi Enzinna, Simone Harmath-de Lemos, Robin Karlin, and Draga Zec. Vol. 63. Michican Slavic Materials. Ann Arbor, MA, USA: Michigan Slavic Publications, University of Michigan. URL: https://lsa.umich.edu/slavic/msp/all-publications/formal-approaches-to-slavic-linguistics--25--the-third-cornell-m.html.

[7] **2018b**. "What Turkish conditionals teach us about the question particle". In: *Tu+ 1: Proceedings of the first workshop on Turkish, Turkic and the languages of Turkey*. Ed. by Faruk Akkuş, İsa Kerem Bayırlı, and Deniz Özyıldız. Amherst, MA, USA: GLSA, Department of Linguistics, University of Massachussetts, pp. 127–140. URL: https://www.amazon.com/Tu-Proceedings-workshop-Turkish-languages/dp/1983844020.

5.3 Software

[8] **June 2020** (with Matthias Schlögl, Maximilian Kaiser, Ágoston Zénó Bernád, Peter Rumpolt, and Katalin Lejtovicz). *APIS NER Model*. DOI: 10.5281/zenodo.3873263. URL: https://zenodo.org/record/3873263.

5.4 Manuscripts

[9] **2017**. *When it is being researched passives. On non-promoting passives and impersonals.* ms., UConn.
[10] **2015a**. *On case assignment in Turkic.* ms., UConn.
[11] **2015b**. *On subjunctive, past tense, and conditionals.* ms., UConn.
[12] **2015c**. *The inner structure of pronominal prefixes in Burushaski.* ms., UConn.

6 Presentations

6.1 Invited talks

[13] **2019**. *A case study of syntactic dependencies.* May 21, Department of Linguistics, Leipzig University, Germany.

[14] **2018**. *Dependent case licensing in Minimalist Grammars.* June 27, Computational Linguistics Colloquium, IGRA, Leipzig University, Germany.

6.2 Refereed Talks & Posters (paper reviewed)

[15] **2018**. *Case theory in Minimalist Grammars.* Talk at the 23rd Conference on Formal Grammar (FG 23), August 11, Sofia University, Bulgaria.

6.3 Refereed Talks & Posters (abstract reviewed)

[16] **2021a** (with Dalina Kallulli). *Head Movement in Germanic Doubly-Filled Comp Constructions.* Accepted presentation at Olinco 5, Palacký University Olomouc, Czechia; postponed to May/June 2021.

[17] **2021b** (with Dalina Kallulli). *What's within wh-words.* Accepted presentation at the 30th Colloquium of Generative Grammar (CGG); Oviedo, Spain; postponed to May 2021.

[18] **2020** (with Diane Lillo-Martin, Ronice Quadros, Jonathan Bobaljik, Deanna Gagne, Lily Kwok, Marilyn Mafra, and Susanne Wurmbrand). *Constraints on Code-blending: Evidence from Acceptability Judgments.* Talk at the annual meeting of the Linguistic Society of America (LSA), January 2–5, New Orleans, USA.

[19] **2019a** (with Thomas Graf). *Diagnosing movement via the absence of c-command relations.* Talk at the 43rd Penn Linguistics Colloquium (PLC), March 22–24, UPenn, USA.

[20] **2019b** (with Dalina Kallulli). *Head movement in Germanic doubly-filled compl constructions.* Talk at the 45th Austrian Linguistics Conference (ÖLT), December 6–7, Salzburg University, Austria.

[21] **2019c**. *Kyrgyz relative clauses and Dependent Case Theory.* Talk at the 4th workshop on Turkic and languages in contact with Turkic (TU+ 4), February 16–17, New York University, USA.

[22] **2018a**. *On possessed relative clauses in Kyrgyz.* Talk at the 14th Workshop on Altaic Formal Linguistics (WAFL 14), October 19–21, MIT, USA.

[23] **2018b**. *On the difference between Turkic possessors and subjects.* Talk at the 3rd Conference on Central Asian Languages and Linguistics (ConCALL–3), March 2–4, Indiana University Bloomington, USA.

[24] **2017**. *A configurational account of Turkish DSM.* Talk at 25th Conference of the Student Organization of Linguistics in Europe (ConSOLE XXV), January 4–6, University of Leipzig, Germany.

[25] **2016a** (with Marcin Dadan, Jayeon Park, Yongsuk Yoo, and Kadir Gökgöz). *The Real(is) Distinction in Before- and After-clauses: A Crosslinguistic Study.* Talk at Formal Approaches to Slavic Linguistics (FASL) 25, May 13–15, Cornell University, USA.

[26] **2016b** (with Yongsuk Yoo, Jayeon Park, Marcin Dadan, and Kadir Gökgöz). *The Real(is) Distinction in Before- and After-clauses: A Crosslinguistic Study.* Poster presentation at the 39th conference on Generative Linguistics in the Old World (GLOW), April 5–7, Göttingen , Germany.

[27] **2015**. *What conditionals teach us about mI.* Talk at Turkish, Turkic and the languages of Turkey (TU+), November 21–22, UMass Amherst, USA.

[28] **2014a** (with Dalina Kallulli). *'Relative pronouns' as complementizers: Evidence from German.* Talk at the 24th Colloquium on Generative Grammar (CGG), May 28–29, Madrid, Spain.

[29] **2014b** (with Dalina Kallulli). *C-ing is believing : 'Relative pronouns' as agreeing complementizers.* Talk at Rencontres d'Automne de Linguistique formelle (RALFe): Langage, Langues et Cognition, October 9–10, Paris 8, France.

[30] **2013**. *Syntax and Semantics of Turkish ACC and GEN.* Talk at the 6th Austrian Students' Conference of Linguistics (ASCL), November 30–December 1, University of Vienna, Austria.

6.4 Non-refereed Talks

[31] **2019**. *Diagnosing movement via subregular complexity.* Mathematical Linguistics Reading Group, March 5, Stony Brook University.

[32] **2018a**. *Dependencies in Minimalist Grammars.* Mathematical Linguistics Reading Group, September 28, Stony Brook University.

[33] **2018b**. *The complexity of Dependent Case Theory.* Open House micro-talk, March 9, UConn.

[34] **2017a**. *Autosegmental tiers in syntax.* UConn Linguistics Graduate Roundtable 7, December 3, UConn.

[35] **2017b**. *When it is being research passives.* Open House micro-talk, March 6, UConn.

[36] **2016**. *Do subjects possess their clause?* Open House micro-talk, March 10, UConn.

[37] **2015**. *On past tense and counterfactuals.* UConn Linguistics Graduate Roundtable 5, December 12, UConn.

[38] **2014**. *A New Impersonal in German.* UConn Linguistics Graduate Roundtable 4, December 7, UConn.

[39] **2013** (with Katharina Hartmann and Marianna Patak). *Postverbal Focus? A comparison between German and Turkish.* 18th Internal Workshop of the SFB (Sonderforschungsbereich) 632, November 22–23, University of Potsdam, Germany.

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7 Experience

7.1 Research Employment

Spracherwerb: *Bimodal Bilingual Binational* (BiBiBi)

PIs: Deborah Chen Pichler (Gallaudet University), Diane Lillo-Martin (UConn), and Ronice Müller de Quadros (Universidade Federal de Santa Catarina)

Date: Fall 2017, Spring 2018, Spring 2019

Responsibilities: identifying predictions, developing visual stimuli for adults, evaluating code-blended data.

Date: Summer 2015

Responsibilities: applying the index of productive syntax (IPSyn) to glossed video recordings of 1;7- to 3;0-year-old Deaf children

Fieldwork: *Kyrgyz Comparative Grammatical Analysis — Phase I*

PI: Jonathan Bobaljik

Date: Summer 2017

Responsibilities: designing, organizing, and executing a three-week fieldwork trip to Bishkek, Kyrgyzstan .

Acquisition: *Parameter setting in language acquisition: An IPL training study.*

PIs: William Snyder, Diane Lillo-Martin, Letitia Naigles, Whit Tabor (UConn)

Date: Spring 2016

Responsibilities: recruiting participants; conducting experiments with 1;6- to 3;0-year-olds.

Forschungsassistenz für Susi Wurmbrand (UConn)

Summer 2015, Fall 2015, Spring 2016

Responsibilities: summarize literature

7.2   Employment as programmer

NLP: Text classification *Media Reporting on Algorithms, Robotics, and Artificial Intelligence* (MARA)

> PIs: Janina Loh (Universität Wien), Florian Saurwein (ÖAW & Alpen-Adria-Universität Klagenfurt), Daniel Schopper (ÖAW)

> Date: since June 2020

> Responsibilities: trained and evaluated statistical models, configured and maintained the annotation platform.

> Technologies: Python, spacy, prodigy, Postgres.

NLP: Named Entity Recognition *Austrian Prosopographical Information System* (APIS)

> PIs: Christine Gruber, Matthias Schlögl (ÖAW)

> Date: Nov. 2019 – May 2020

> Responsibilities: trained and evaluated statistical models.

> Technologies: Python, spacy.

Database DevOps *Syntax hessischer Dialekte* ('Syntax of Hessian Dialects', SyHD)

> PIs: Jürgen Fleischer (Goethe-University Frankfurt/Main), Alexandra Lenz (Univ. of Vienna), and Helmut Weiß (Philipps-Universität Marburg).

> Date: 2011–2014

> Responsibilities: developed and maintained database for data collection with questionnaires and interviews; designed, developed, and maintained front-end for data entry; .

> Technologies: Postgres, MS Access, Visual Basic for Applications

7.3   Further programming experience

Firefox extension   to improve the layout of a website

> Date: seit Frühjahr 2020

> Description: The website `https://terra.snellman.net` provides a framework to play the boardgame Terra Mystica and a minimalistic interface. This browser extension modifies the interface for a more realistic game experience.

> Technologies: Javascript

> Code available at `https://github.com/rarusel/terra-snellman`

Picture generator   for department members

> Date: Feb. 2019

> Description: Sort department members by country, together with profile picture and IPA of name. Output a PDF with pretty boxes, ready for printing and attaching to world map.

> Technologies: Go, LaTeX

> Code available at `https://github.com/uconn-ling/OpenHouse-Map`

Question randomizer for exams

> Date: Spring 2015

> Description: Randomize the order of exam questions and the order of multiple-choice answers per question. Output a PDF ready for printing.

> Technologies: Python, bash, LaTeX

> Code available at `https://github.com/uconn-ling/Ling1010-Exam`

Registration management for EGG 2014

> Date: June 2014
>
> Description: Send registered student one-time password for confirmation. Transform student data from 2 CSV files to 1 HTML list.
>
> Technologies: Python, bash, Apache

7.4 Teaching Experience

At summer schools:

Analysis: Statistics, Plotting, Unsupervised ML July 9, 2020

> School: ACDH Digital Prosopography Summer School
>
> Materials: slides

At the University of Connecticut:

TA for LING1010 'Language and Mind' Spring 2017

> IR: Harry van der Hulst
>
> Responsibilities: reviewing and extending the lecture content in 3 weekly 'discussion sections' à 30 students

TA for LING1010 'Language and Mind' Fall 2016

> IR: Jon Sprouse
>
> Responsibilities: reviewing and extending the lecture content in 3 weekly 'discussion sections' à 30 students

Apprentice TA for LING1010 'Language and Mind' Spring 2015

> IR: Harry van der Hulst
>
> Responsibilities: class website, calculating grades, organizational support

Apprentice TA for LING1030 'Language Diversity' Fall 2014

> IR: Andrea Calabrese
>
> Responsibilities: organizational support

At the University of Vienna:

Guest lecture 'Syntactic variation in West Central German: data acquisition and processing'

> May 7$^{\text{th}}$, 2014, class co-taught with Ludwig Maximilian Breuer,
>
> Part of the lecture series "Lexis, syntax, and their interfaces".

At the TU Wien:

TA for 'Theoretical Computer Science and Logic' Springs 2010, 2011

> IR: Christian Fermüller
>
> Responsibilities: teaching and grading 3 weekly exercise sections à 30 students

TA for 'Object-Oriented Programming' Fall 2010

> IR: Franz Puntigam
>
> Responsibilities: supporting 13 groups à 3 students through 8 programming exercises (Java), grading the first 3 exercises .

8 Service

8.1 Editing

Guest Editor

- Wiener Linguistische Gazette (WLG) Special Issue 78A, 2014.

8.2 Reviewing

Reviewing for Journals

- Glossa, 2020.
- Journal of Logic, Language and Information (JLLI), 2019–2020.
- The Journal of Comparative Germanic Linguistics (JCGL), 2015.
- Wiener Linguistische Gazette (WLG), 2014.

Reviewing for Conferences

- Conference of Graduate Students from Stony Brook, Yale, NYU, and CUNY (SYNC), 2018.
- 6th Austrian Students' Conference of Linguistics (ASCL), 2013.

8.3 Organization

Conference organization

- Co-chair, East Coast Syntax Workshop (ECO-5), UConn, 2017.
- Co-chair, SignFest: Symposium for Research in Sign Language, UConn, 2014.
- Co-chair, Austrian Students' Conference of Linguistics (ASCL) 6,
  University of Vienna, 2013.
- Member, Bayerisch-Österreichische Dialektologentagung (BÖDT) 12 ('Conference of Bavarian and Austrian Dialects'),
  University of Vienna, Sept. 2013
- Member, Syntax, Phonology, and Language Acquisition (SinFonIJA) 5
  University of Vienna, Sept. 2012
- Member, Deutsch in Österreich (DiÖ) ('German in Austria')
  University of Vienna, Apr. 2012
- Member, Generative Linguistics in the Old World (GLOW) 34
  University of Vienna, Apr. 2011
- Member, Morphological Voice and its Grammatical Interfaces
  University of Vienna, Jun. 2010

8.4 Involvement

Graduate Employee Union, UConn

- Steward, 2015–2019.

Graduate Student Senate, UConn

- Senator representing the Linguistics department, 2017–2018.

Linguistics Club, UConn

- E-Board, Secretary, 2017–2018.
- Officer, Graduate Student Senator, 2017–2018.
- Officer, Graduate Student Representative, 2016–2017.
- Officer, liaison to the Graduate Employee Union, 2015–2016.
- Member, Colloquium Committee, 2014–2015.

Open Houses, UConn Linguistics

- Chair, Day host committee, 2016.
- Chair, Reception committee, 2016.
- Chair, Transportation committee, 2015.
- Member, Day host committee, 2015, 2017.
- Member, Hosting committee, 2015, 2017.
- Member, Reception committee, 2017, 2018.
- Member, Transportation committee, 2016, 2017.

9 Skills

9.1 Languages

Native: Austrian Standard German, Bavarian

Good command: English (C2) [1] , French (C1), Turkish (B1), Latin (4 years)

Basic command: American Sign Language (ASL), Bosnian-Croatian-Serbian, Mandarin Chinese, Ottoman, Persian, Russian, Spanish

Fieldwork: Karakalpak, Kyrgyz, Nepali, Yaadre

Structural knowledge: Austrian Sign Language (ÖGS), Breton, Burushaski

9.2 Computer Skills

Markup

- LaTeX
- HTML, CSS

Programming

- Python, JavaScript, Java, bash, Go, PHP, C, C++, C#
- Haskell, Prolog, dlv(hex)
- SQL and derivatives

Last updated: October 2020

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[1]Levels follow the Common European Framework of Reference for Languages (CEFR).