

Education

Sep. 2021–present	PhD in Linguistics and English Language University of Edinburgh, Scotland <ul style="list-style-type: none">Supervisors: Prof. Jennifer Culbertson and Prof. Simon Kirby
Oct. 2019–Aug. 2021	Master of Science in Cognitive Systems: Language, Learning, and Reasoning Universität Potsdam, Germany <ul style="list-style-type: none">Thesis: <i>Morphological productivity: A Bayesian modelling approach</i>Supervisors: Prof. Shravan Vasishth and Dr. Titus von der Malsburg
Oct. 2017–Jul. 2019	Master of Arts in Linguistics Humboldt-Universität zu Berlin, Germany <ul style="list-style-type: none">Thesis: <i>A study of diachronic changes in the productivity of several Early New High German derivational morphemes using the RIDGES corpus</i>Supervisor: Prof. Anke Lüdeling
Sep. 2013–Jun. 2017	Bachelor of Arts (Honours) in Linguistics & German language and literature University of Alberta, Canada (with year abroad at the Freie Universität Berlin) <ul style="list-style-type: none">First Class Honours, best of graduating classThesis: <i>Effects of plural semantics on linking element alternation in German nominal compounds</i>Supervisors: Prof. Jennifer Dailey-O’Cain and Prof. Jordan Lachler

Research experience

Aug. 2020–Sep. 2021	Researcher (“Wissenschaftliche Mitarbeiterin”) Humboldt-Universität zu Berlin, CRC 1412 Register, Project A04 <ul style="list-style-type: none">Application of Bayesian machine learning methods (LDA) to probabilistically identify register in corporaPresentation of two conference/colloquium talks
Feb. 2021–Jul. 2021	Research assistant to Dr. Titus von der Malsburg Universität Potsdam <ul style="list-style-type: none">Psycholinguistic research on the effect of single- vs. multi-trial experiment designs
Jan. 2018–Jun. 2018, Oct. 2019–Sep. 2020	Student assistant to Dr. Bob van Tiel Leibniz-Centre General Linguistics (ZAS), Berlin <ul style="list-style-type: none">Psycholinguistic research on processing of scalar inferencesPublication of two journal papers and presentation of two conference posters
Dec. 2017–Sep. 2019	Student assistant to Prof. Uli Reich Freie Universität Berlin <ul style="list-style-type: none">Creation of a freely-available audio corpus of Conchucos Quechua using Praat, ELAN, and Python
Apr. 2014–Jun. 2014	Student assistant to Prof. Antti Arppe (Volunteer position) University of Alberta <ul style="list-style-type: none">Fieldwork and documentation of Plains Cree in Maskwacîs, Alberta

Teaching

Fall 2022	Simulating language (Tutor) University of Edinburgh <ul style="list-style-type: none">Honours and postgraduate course on implementing Bayesian models of language evolution using Python
Sep. 2022–present	PPLS Skills Centre (Tutor) University of Edinburgh <ul style="list-style-type: none">One-on-one consultation appointments to help students improve their academic writing

Copy editing and proofreading

Sep. 2019–May 2021	Copy editor and proofreader of <i>Head-Driven Phrase Structure Grammar: The handbook</i> Humboldt-Universität zu Berlin/Language Science Press, Berlin <ul style="list-style-type: none">Copy editing and proofreading of 30+ chapters
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Publications

• Preprints

- 2022 | **Pankratz, E.**, von der Malsburg, T., & Vasishth, S. (2022). Shannon entropy is a more comprehensive and principled morphological productivity measure than the standard alternatives. *PsyArXiv*. <https://doi.org/10.31234/osf.io/vkyug>.

• Journal papers

- 2022 | **Pankratz, E.**, Arppe, A., & Lachler, J. (2022). Low hanging fruit and the Boasian trilogy in digital lexicography of morphologically rich languages: Lessons from a survey of Indigenous language resources in Canada. *Nordlyd*, 46(1), 193–204. <https://doi.org/10.7557/12.6441>.
- 2021 | **Pankratz, E.**, & van Tiel, B. (2021). The role of relevance for scalar diversity: A usage-based approach. *Language and Cognition*, 13(4), 562–594. <https://doi.org/https://www.doi.org/10.1017/langcog.2021.13>.
- van Tiel, B., & **Pankratz, E.** (2021). Adjectival polarity and the processing of scalar inferences. *Glossa*, 6(1), 32. 1–21. <https://doi.org/10.5334/gjgl.1457>.
- 2019 | van Tiel, B., **Pankratz, E.**, & Sun, C. (2019). Scales and scalarity: Processing scalar inferences. *Journal of Memory and Language*, 105, 93–107. <https://doi.org/10.1016/j.jml.2018.12.002>.
- 2018 | Schäfer, R., & **Pankratz, E.** (2018). The plural interpretability of German linking elements. *Morphology*, 28(4), 325–358. <https://doi.org/10.1007/s11525-018-9331-5>.

• Conference proceedings

- 2021 | **Pankratz, E.**, Yadav, H., Smith, G., & Vasishth, S. (2021). Statistical properties of the speed-accuracy trade-off (SAT) paradigm in sentence processing. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43, 2176–2182.
- Pankratz, E.** (2021). qxoRef 1.0: A coreference corpus and mention-pair baseline for coreference resolution in Conchucos Quechua. *Proceedings of the First Workshop on Natural Language Processing for Indigenous Languages of the Americas*, 1–9. <https://doi.org/10.18653/v1/2021.americasnlp-1.1>.
- 2019 | van Tiel, B., **Pankratz, E.**, Marty, P., & Sun, C. (2019). Scalar inferences and cognitive load. *Proceedings of Sinn Und Bedeutung* 23, 427–441.
- 2017 | Lachler, J., & **Pankratz, E.** (2017). Moving towards value-added digital repatriation in lexicography for Indigenous languages in Canada. In N. Ostler, V. Ferreira, & C. Moseley (Eds.), *Proceedings of the 21st FEL Conference: Communities in Control: Learning tools and strategies for multilingual endangered language communities* (pp. 107–114).

• Resources

- 2021 | **qxoRef 1.0: A coreference corpus for Conchucos Quechua**
<https://github.com/epankratz/qxoRef>

Presentations

• Invited

- 2021 | **Pankratz, E.** (2021). *An entropy-based approach to measuring morphological productivity* (Talk). Humboldt-Universität zu Berlin; virtual. Talk at *Colloquium for Corpus Linguistics*, Humboldt-Universität zu Berlin; virtual.
- Pankratz, E.** (2021). *Coreference resolution for Conchucos Quechua* (Talk). Freie Universität Berlin; virtual. Talk at *Romanistisches Forschungskolloquium*, Freie Universität Berlin; virtual.

• Talks

- 2022 | **Pankratz, E.**, von der Malsburg, T., & Vasishth, S. (2022). *An entropy-based approach to measuring morphological productivity* (Talk). Universität Tübingen. Talk at *How Productive Is Derivational Morphology? (Workshop at the 44th Annual DGfS Conference)*, Universität Tübingen.

- 2021 Sun, C., **Pankratz, E.**, & van Tiel, B. (2021). *Polarity modulates the processing cost of scalar implicatures* (Talk). Université de Paris; virtual. Talk at *Architectures and Mechanisms for Language Processing (AMLaP 2021)*, Université de Paris; virtual.
- Bildhauer, F., **Pankratz, E.**, & Schäfer, R. (2021). *Corpora, inference, and models of register distributions* (Talk). Albert-Ludwigs-Universität Freiburg; virtual. Talk at *Contrastive Corpus Methodology for Language Modeling and Analysis (Workshop at the 43rd Annual DGfS Conference)*, Albert-Ludwigs-Universität Freiburg; virtual.
- Lüdeling, A., Schäfer, R., **Pankratz, E.**, Krause, T., Bildhauer, F., & Golcher, F. (2021). *What is a good corpus?* (Three-part talk series). Humboldt-Universität zu Berlin; virtual. Three-part talk series at *Register Colloquium (CRC 1412)*, Humboldt-Universität zu Berlin; virtual.
- Hübener, C., & **Pankratz, E.** (2021). *Verfugungswandel von Determinativ- und Rektionskomposita – ein Fall von Regularisierung?* (Talk). Humboldt-Universität zu Berlin; virtual. Talk at *Colloquium for Corpus Linguistics*, Humboldt-Universität zu Berlin; virtual.
- 2020 van Tiel, B., & **Pankratz, E.** (2020). *Adjectival polarity and the processing of scalar implicature* (Talk). University College London; virtual. Talk at *Sinn Und Bedeutung 25*, University College London; virtual.
- van Tiel, B., & **Pankratz, E.** (2020). *Polarity in scalar inference processing* (Talk). Leibniz Centre General Linguistics (ZAS). Talk at *Degree Expressions and Polarity Effects (Workshop)*, Leibniz Centre General Linguistics (ZAS).
- 2019 **Pankratz, E.**, Lachler, J., & Arppe, A. (2019). *A survey of Indigenous language tools: The emergence of two lexicographical approaches among Indigenous languages of Canada* (Talk). University of Hawai'i at Manōa. Talk at *6th International Conference on Language Documentation & Conservation*, University of Hawai'i at Manōa.
- Pankratz, E.** (2019). *Derivational morphology in Early New High German* (Talk). Humboldt-Universität zu Berlin. Talk at *Colloquium for Corpus Linguistics*, Humboldt-Universität zu Berlin.
- 2017 Lachler, J., & **Pankratz, E.** (2017). *Moving toward value-added digital repatriation in lexicography for Indigenous languages in Canada* (Talk). Foundation for Endangered Languages. Talk at *21st FEL Conference: Communities in Control: Learning Tools and Strategies for Multilingual Endangered Language Communities*, Foundation for Endangered Languages.
- Pankratz, E.** (2017). *Language maintenance in a global world: Creating a middle ground for Plautdietsch in 21st-century Canada* (Talk). University of Alberta. Talk at *MLCS Undergraduate Conference*, University of Alberta.

• Posters

- 2021 **Pankratz, E.**, Yadav, H., Smith, G., & Vasishth, S. (2021). *Statistical properties of the speed-accuracy trade-off (SAT) paradigm in sentence processing* (Poster). University of Vienna; virtual. Poster at *Annual Meeting of the Cognitive Science Society (CogSci 2021)*, University of Vienna; virtual.
- Pankratz, E.** (2021). *qxoRef 1.0: A coreference corpus and mention-pair baseline for coreference resolution in Conchucos Quechua* (Poster). Mexico City; virtual. Poster at *The First Workshop on NLP for Indigenous Languages of the Americas (AmericasNLP) at NAACL 2021*, Mexico City; virtual.
- 2020 **Pankratz, E.**, & van Tiel, B. (2020). *Can usage of scalar adjectives predict scalar inference rates?* (Poster). University of Birmingham; virtual. Poster at *UK Cognitive Linguistics Conference 2020 (UKCLC 2020)*, University of Birmingham; virtual.
- 2019 van Tiel, B., **Pankratz, E.**, & Sun, C. (2019). *Scales and scalarity: Processing scalar inferences* (Poster). University of Edinburgh. Poster at *XPRAG 2019*, University of Edinburgh.
- 2018 van Tiel, B., **Pankratz, E.**, & Sun, C. (2018). *Processing scalar diversity* (Poster). Universitat Autònoma de Barcelona. Poster at *Sinn Und Bedeutung 23*, Universitat Autònoma de Barcelona.

Reviewing

- 2022 **Annual Meeting of the Cognitive Science Society (CogSci 2022)**
- 2021 **Complexity and Register 2021 (CAR21)**
- 2020 **12th Web as Corpus Workshop (WAC-XII), co-located with LREC 2020**

Outreach

- 2019 **What it means to know a language**
Pop linguistics talk to 50+ attendees at the Pint of Science Festival 2019, Berlin

Event organisation

2022–2023	Linguistic Circle Biweekly hybrid talk series (University of Edinburgh)
2022	Edinburgh Lectures in Language Evolution (ELLE) 2022 Four-lecture hybrid talk series with hundreds of attendees (University of Edinburgh, June 2–23, 2022)
2021	Complexity and Register 2021 (CAR21) Hybrid workshop with 30+ attendees (Humboldt-Universität zu Berlin, November 19, 2021)
2019	XXII. Deutscher Hispanistentag Conference with 600+ attendees (Freie Universität Berlin, March 27–31, 2019)

Funding

2021–2025	ESRC-funded PhD Studentship Scottish Graduate School of Social Science
2021–2025	SSHRC Doctoral Fellowship Social Sciences and Humanities Research Council of Canada
2019–2021	University Scholarship Potsdam (previously Deutschlandstipendium) Universität Potsdam
2017–2019	Konrad Adenauer Foundation Scholarship Program for International Students
2017	Undergraduate Research Initiative at the University of Alberta CAD 5000 funding for the summer research project <i>Digital lexicography of Canadian Indigenous languages</i> with Prof. Jordan Lachler and Prof. Antti Arppe

Awards and Recognition

2021	Sir James Lougheed Award of Distinction – Master’s Level (CAD 15,000) Alberta Scholarships
2019	Featured as one of the LINGUIST List’s Rising Stars Nominated by Dr. Roland Schäfer and Prof. Anke Lüdeling
2017	The Dr. John MacDonald Medal in Arts (CAD 1100) For best graduating mark in the Faculty of Arts at the University of Alberta
2014–2017	Seven awards for academic achievement and extracurricular involvement (total CAD 14,200) University of Alberta <ul style="list-style-type: none">– The Rod and Judith Fraser International Undergraduate Learning Award (CAD 4500)– The Louise McKinney Post-Secondary Scholarship (CAD 2500)– The Mrs. Kathe & Mr. Siegfried Klotsche Scholarship in German (CAD 2200)– The Edelweiss-Club Scholarship (CAD 1750)– The Catherine McLean Scholarship in Arts (CAD 1500)– The Jason Lang Scholarship (CAD 1000)– The Catherine Folinsbee Memorial Scholarship (CAD 750)

Skills

Languages	English (first language), German (C1), French (basic)
Programming	Python, R, Stan
Mark-up	LaTeX, HTML
Version control	Git, GitHub
Statistical analysis	Bayesian methods, frequentist methods
Experiments	jsPsych, Ibex Farm, Testable, Prolific, Amazon Mechanical Turk
Other software	Adobe Photoshop, Microsoft Office, Praat, ELAN