



# Edwin Ko

---

## CONTACT INFORMATION

 [www.eddersko.com](http://www.eddersko.com)  
 [eddersko](https://twitter.com/eddersko)

 [edwin.ko@yale.edu](mailto:edwin.ko@yale.edu)

## EMPLOYMENT

**Yale University**  
Associate Research Scientist, Lecturer in Linguistics,  
July 2023 – present

## EDUCATION

**University of California, Berkeley**  
Ph.D., Linguistics, 2023  
M.A., Linguistics, 2020  
Designated Emphasis in Language Revitalization

**Georgetown University**  
M.S., Linguistics, 2016

**Boston University**  
B.A., Linguistics, 2014  
Minors: Computer Science, French

## PEER-REVIEWED PUBLICATIONS

**Ko, E.** The synchrony and diachrony of multiple exponence constructions in Apsáalooke (Crow). Under review.

**Ko, E.** and Burch, J. Transcription practices in linguistic fieldwork: Documenting connected speech. Under review.

**Ko, E.** Bayesian phylogenetics, typological traits, and the internal structure of the Siouan-Catawban family. Under review.

**Ko, E.** Incorporating texts into language revitalization and reclamation efforts: Prospects and challenges. Under review.

Levy, D. F., Grecius, Q., Xu, D., **Ko, E.**, Wang, C., Andrews J., Chang E. F. 2025. Role for left dorsomedial prefrontal cortex in self generated, but not externally-cued, language production. *Neurobiology of Language*, 1–46. [[link](#)]

**Ko, E.** 2023. On the origins of multiple exponence in Crow. *Diachronica*, 40(1), 73–110. [[link](#)]

**Ko, E.** 2022. Shifting teacher/learner roles in language reclamation efforts relying on digital technology. *Language Documentation & Conservation*, 16, 259–289. [[link](#)]

**Ko, E.** and Laparle, S. 2022. Co-speech gesture and semantic fieldwork: A case study of aspectuals in Crow. *Semantic Fieldwork Methods*, 4(3), 1–25. [[link](#)]

## IN PREPARATION

**Ko, E.** and Singer, R. On expressing necessities, possibilities, desires, and time in the Apsáalooke (Crow) language: A non-technical sketch.

**Ko, E.** and Huelsenbeck, J. The effects of borrowing from ghost lineages on linguistic phylogenetic inference.

PROCEEDINGS  
PAPERS

- Ko, E.** 2021. Feeding agreement: Anti-locality in Crow applicatives of unaccusatives. In Alessa, F. & A. Hill (eds.), *Proceedings of the 51st Meeting of the North East Linguistic Society*, vol 2, 39–52.
- Ko, E.** 2020. Unaccusativity in Crow. In Kasak, R., Dutta, S. & J. McBride (eds.), *Proceedings of the 39th Annual Siouan and Caddoan Languages Conference*, 83–101. [\[link\]](#)
- Ko, E.** 2017. Diagnosing Impersonal “Passives” in Unangam Tunuu (Aleut). In Nee, J., Cychosz, M., Hayes, D., Lau, T., & E. Ramirez (eds.), *Proceedings of the 43rd Annual Meeting of the Berkeley Linguistics Society*, 461–482. Berkeley, CA: University of California Berkeley.
- Ko, E.** 2016. The role of geography in syntactic variation: A corpus-based analysis of adverb position across varieties of English worldwide. *University of Pennsylvania Working Papers in Linguistics*: Vol. 22: Iss. 2, Article 13. Philadelphia, PA: University of Pennsylvania. [\[link\]](#)

OTHER WRITING

- Ko, E.** Studies in Crow Linguistics: Documentation, Grammar, and History. PhD Dissertation, UC Berkeley, August 2023. [\[link\]](#)
- Ko, E.** The ancient history of the Siouan-Catawban language family: Synthesizing archival and computational approaches. *American Philosophical Society Blog*, November 14, 2022. [\[link\]](#)
- Ko, E.** A Finding Aid for Siouan-Catawban Language Materials at the American Philosophical Society. Unpublished manuscript, University of California, Berkeley, 2022. [\[link\]](#)
- Ko, E.** Blair Rudes Papers (NAA.2009-1): A Finding Aid. Unpublished manuscript, University of California, Berkeley, 2022. [\[link\]](#)
- Ko, E.** Robert Rankin Papers (NAA.2014-1): A Finding Aid. Unpublished manuscript, University of California, Berkeley, 2022. [\[link\]](#)
- Ko, E.**, Scott, T., and J. Nazario. Keeping alive our Indigenous cultures on Mother Language Day. *Berkeley News*, February 21, 2022. [\[link\]](#)
- Ko, E.** Digital technology and language revitalization. Unpublished manuscript, University of California, Berkeley, 2021. [\[paper\]](#)

RESEARCH  
EXPERIENCE

- |   |                       |
|---|-----------------------|
| <b>UC Berkeley</b> , <i>Graduate Student Fellow</i> , Berkeley Language Center  | Aug. 2020 – Dec. 2020 |
| Project: The role of texts in language revitalization   |                       |
| <b>UC Berkeley</b> , <i>Graduate Research Associate</i> , Social Science Matrix   | Oct. 2019 – May 2020  |
| Project: Digital technology within language revitalization  |                       |
| <b>UC Berkeley</b> , <i>Graduate Student Researcher</i> , Andrew Garrett  | Jan. 2018 – May 2019  |
| Project: Survey of California and Other Indian Languages  |                       |
| <b>Georgetown University</b> , <i>Research Assistant</i> , Mark Sicoli  | Oct. 2014 – Jun. 2016 |
| Project: Preserving and Enhancing Access to the Survey of Zapotec and Chatino Languages, supported by NSF-DEL grant (BCS-1263671) |                       |
| <b>Boston University</b> , <i>Research Assistant</i> , Catherine O'Connor   | May 2014 – Mar. 2015  |
| Project: Documentation of Northern Pomo, supported by NSF-DEL grant (FN-50107-12)   |                       |

TEACHING  
EXPERIENCE

- |   |             |
|---|-------------|
| <b>Yale University</b> , <i>Instructor</i>              |             |
| Introduction to Linguistic Phylogenetics (LING 219/619) | Spring 2025 |

Historical Linguistics (LING 112)	Spring 2024, Spring 2025
Linguistic Endangerment and Revitalization (LING 107/ER&M 207)	Fall 2024
Linguistic Change (LING 212)	Fall 2024
Field Methods (LING 241/641)	Spring 2024
Linguistic Diversity and Endangerment (LING 107/ER&M 207)	Fall 2023
Quantitative Linguistics (LING 234/634)	Fall 2023

**UC Berkeley**, Certificate in Teaching and Learning in Higher Education [\[link\]](#) Dec. 16, 2022

**Boston University**, *Guest Lecturer*, Nov. 8, 2022  
 Topic: Language documentation and revitalization  
 Course: Language Revitalization (LX 390), M. Catherine O'Connor

**UC Berkeley**, *Graduate Student Instructor*  
 Morphology (LING 115), Andrew Garrett Spring 2022  
 Historical and Comparative Linguistics (LING 130), Darya Kavitskaya Fall 2021  
 Introduction to Linguistic Science (LING 100), Peter Jenks Summer 2021  
 Syntax (LING 120), Line Mikkelsen Spring 2021  
 Introduction to Linguistic Science (LING 100), Katherine Hilton Spring 2020  
 Language and Linguistics (LING 5), Stephanie Farmer Fall 2019

**UC Berkeley**, *Graduate Student Assistants* Summer 2020  
 “Semester in the Cloud” [\[link\]](#): Introduction to Linguistic Science (LING 100), Peter Jenks

**Splash! at Berkeley**, Berkeley, California, USA, *Co-Instructor* March 8, 2020  
 With R. T. Lau and W. L. A. L. Marquez  
 Course: Mystery Language! Introduction to Linguistic Analysis

**Redwood Valley Rancheria**, *Co-Instructor*  
 Northern Pomo Language Revitalization Camp  
 w/ E. Carson, J. Nee, M. C. O'Connor, E. Rimdzius, and B. Dailey June 29-30, 2019  
 w/ E. Carson and J. Nee March 16-17, 2019

**Boston University**, *Course Assistant*, David Sullivan Fall 2013, Spring 2014  
 Course: Introduction to Computer Science I (CS 111), David Sullivan

INVITED TALKS &  
PARTICIPATION

**Ko. E.** *Mapping Crow oral histories*. Digital Humanities Working Group, UC Berkeley, Berkeley, CA. Mar. 17, 2023.

**Ko. E.** *Migrating and digitizing archival materials*. Language Reclamation Landscapes, Smithsonian Center for Folklife and Cultural Heritage, DC. Mar. 16, 2023.

**Ko. E.** *New perspectives on subgrouping using computational phylogenetics*. Friday Lunch Talk, Yale University, New Haven, CT. Feb. 10, 2023.

**Ko. E.** *Inferring the linguistic history of the Siouan languages*. Brown Bag Series, American Philosophical Society, Philadelphia, PA. Oct. 4, 2022.

**Ko. E.** *Simulating the effects of borrowing on linguistic phylogenies*. Department of Linguistics, Swarthmore College, Swarthmore, PA. Sep. 23, 2022.

*Digital tools for endangered languages: Listening, learning and looking ahead*. Meeting organized by the Endangered Language Knowledge & Technology group. Carleton University, Ottawa, Canada. Sep. 27–28, 2019.

CONFERENCE  
PRESENTATIONS

**Ko, E.**, Graczyk, R., Boyle, J., Calkins, A., Thibodeau, C. A philological study of the Missouri River languages. Paper presentation at the *44th Annual Siouan and Caddoan Languages Conference*, Bismarck, ND (virtual), May 25, 2024.

**Ko, E.** A Bayesian phylogenetic classification of the Siouan family using typological traits. Paper presentation at the *25th International Conference of Historical Linguistics*, Oxford, UK, Aug. 4, 2022.

Dailey, B., **Ko, E.**, Kuykendall, E., and Phan, D. A preliminary study of pre-aspirates in Crow. Paper presentation at the *42nd Annual Siouan and Caddoan Languages Conference*, Charlottesville, VA, May 29, 2022.

**Ko, E.** The life cycle of suppletion in Crow. Paper presentation at the *42nd Annual Siouan and Caddoan Languages Conference*, Charlottesville, VA, May 29, 2022.

**Ko, E.** A Bayesian phylogenetic study of the Siouan language family using typological data. Paper presentation at the *41st Annual Siouan and Caddoan Languages Conference*, Berkeley, CA, May 22, 2021.

**Ko, E.** “The essence of the language is in texts”: Attitudes towards and uses of texts in language revitalization. Paper presentation at the *Symposium on American Indian Languages*, Tuscon, AZ, Apr. 9, 2021.

**Ko, E.** Feeding agreement: Anti-locality in Crow applicatives of unaccusatives. Paper presentation at the *51th Meeting of the North East Linguistic Society*, Montreal, Canada, Nov. 7, 2020.

**Ko, E.** On the origins of multiple exponence in Crow. Paper presentation at the *40th Annual Siouan and Caddoan Languages Conference*, Berkeley, CA, May 21, 2020.

Rimdzius, E., Dailey, B., Carson, E., Nee, J., **Ko, E.**, Sbardone, J., and O’Connor, M. C. What is the role of web-based stories and texts in promoting learning engagement in language revitalization? Paper presentation at the *Society for the Study of the Indigenous Languages of the Americas*, New Orleans, LA, Jan. 5, 2020.

**Ko, E.**, Nee, J. O’Connor, M. C., and Carson, E. Blended language learning in a language revitalization context. Paper presentation at the *Society for the Study of the Indigenous Languages of the Americas*, Davis, CA, Jul. 13, 2019.

**Ko, E.** Active-stative agreement in Crow. Paper presentation at the *Society for the Study of the Indigenous Languages of the Americas*, Davis, CA, Jul. 13, 2019.

**Ko, E.** Unaccusativity in Crow. Paper presentation at the *39th Annual Siouan and Caddoan Languages Conference*, Broken Arrow, OK, May 30, 2019.

Garrett, A., **Ko, E.**, Nee, J., O’Hagan, Z., and Sprouse, R. “Pre-archiving” with the California Language Archive: Incremental Archiving and Early Ongoing Curation. Paper presentation at the *6th International Conference on Language Documentation and Conservation*, Honolulu, HI, Mar. 3, 2019.

Berge, A. and **Ko, E.** Interactive Maps, Place, and Context. Paper presentation at the *6th International Conference on Language Documentation and Conservation*, Honolulu, HI, Mar. 2, 2019.

**Ko, E.** A Task-Based Approach to Curriculum and Material Development to Support Crow Language Revitalization. Paper presentation at the *First International Conference on Revitalization of*

*Indigenous and Minoritized Languages*, Barcelona, Spain, Apr. 20, 2017.

**Ko, E.** Syntactic Ambiguity: Non-Promotional “Passives” in Unangam Tunuu (Aleut). Poster presentation at the *Georgetown University Round Table 2017: Variable Properties: Their Nature And Acquisition*, Washington, DC, Mar. 11, 2017.

**Ko, E.**, Wax Cavallaro, M., Dirks, M., and Berge, A. Leveraging web technologies to enrich archival materials for use in language revitalization. Paper presentation at the *5th International Conference on Language Documentation and Conservation*, Honolulu, HI, Mar. 4, 2017.

Sbordone, J., McCullough, T., Smith-Ferri, S., Kaplan, M., Jeannette, K., **Ko, E.**, and O’Connor, M. C. Using QR codes to situate Northern Pomo language learning within a community museum. Poster presentation at the *5th International Conference on Language Documentation and Conservation*, Honolulu, HI, Mar. 3, 2017.

**Ko, E.** Diagnosing Non-Promotional “Passives” in Aleut. Paper presentation at the *Berkeley Linguistic Society 43*, Berkeley, CA, Feb. 5, 2017.

**Ko, E.** and Würschinger, Q. Addressing the Actuation Problem of the Icelandic New Impersonal Transitive. Paper presentation at the *Germanic Linguistics Annual Conference 22*, Reykavík, Iceland, May 21, 2016.

**Ko, E.** The role of geography in syntactic variation: A corpus-based analysis of adverb position across varieties of English worldwide. Poster presentation at the *New Ways of Analyzing Variation 44*, Toronto, Canada, Oct. 23, 2015.

**Ko, E.**, Paquette, E., Buckley, E., and O’Connor, M. C. Using mobile apps as a small step toward revitalization. Paper presentation at the *2nd Annual Symposium on American Indian Languages*, Rochester, NY, Apr. 16, 2015.

**Ko, E.**, O’Connor, M. C., Rimdzius, E. and Paquette, E. Making Field Recordings Useful: Online Tools for Accessing a Corpus of Recordings. Paper presentation at the *2nd Annual Symposium on American Indian Languages*, Rochester, NY, Apr. 16, 2015.

**Ko, E.**, O’Connor, M. C., Rimdzius, E., Paquette, E., and Grillo, E. Templates for Multilayered Language Learning Resources. Poster presentation at the *4th International Conference on Language Documentation and Conservation*, Honolulu, HI, Feb. 27, 2015.

O’Connor, M. C., **Ko, E.**, Rimdzius, E., Paquette, E., and Grillo, E. Many Entryways: Creating Resources to Support Many Uses of a Dormant Language. Paper presentation at the *4th International Conference on Language Documentation and Conservation*, Honolulu, HI, Feb. 26, 2015.

ARCHIVAL  
COLLECTIONS

Curator: **Ko, E.** Georgetown Field Methods: Crow, SCL 2019-14, Survey of California and Other Indian Languages, University of California, Berkeley. [Restricted]

Curators: **Ko, E.** and J. Nee. Northern Pomo Language Camp, SCL 2019-13, Survey of California and Other Indian Languages, University of California, Berkeley. [Permission granted by Erica Pinola]

Curator: **Ko, E.** Crow (Apsáalooke) Field Materials, SCL 2018-17, Survey of California and Other Indian Languages, University of California, Berkeley. [\[link\]](#)

FELLOWSHIPS,  
GRANTS &  
AWARDS

NEH Collaborative Research Grant  
*Documenting connected speech in an endangered language* [\[link\]](#)

2025–2028

US\$448,551 over three years to catalog and document connected speech in Umó <sup>n</sup> ho <sup>n</sup> (Omaha)	
Josephine De Karmen Fellowship	2023 (declined)
Smithsonian Institution Predoctoral Fellowship	2023 (declined)
UC Berkeley Outstanding Graduate Student Instructor Award	2023
NSF Doctoral Dissertation Research Improvement Grant (BCS-2215488) <i>Inferring the linguistic past of an indigenous language family of North America</i> <a href="#">[link]</a> US\$20,206 to conduct archival research and fieldwork on Crow	2022–2025
American Philosophical Society’s Daythal L. Kendall Short-Term Research Fellowship US\$3,000 to conduct archival research at the American Philosophical Society	2022
UC Berkeley Conference Travel Grant	2019, 2022
Robert L. Oswalt Endangered Language Grant	2017, 2018, 2019, 2022
Berkeley Language Center Fellowship	2020
Foundation for Endangered Languages Grant	2017 (declined), 2020
Ford Fellowship Honorable Mention	2018
National Geographic Society Early Career Grant US\$4,430 to conduct fieldwork on Unangam Tunuu in Alaska	2017
UC Berkeley International House Mark Ross Scholarship	2017
Institute on Collaborative Language Research Linguistic Society of America Fellowship	2016
4th International Conference on Language Documentation and Conservation Scholarship	2015
SOFTWARE DEVELOPED	<i>Linguistic phylogenetic data simulator</i> (application) In progress
	<i>Mapping Crow Oral Histories</i> (website) In progress
	<i>pglex</i> : “pretty good lexicon” (website) 2020
	<i>Crow Language Materials</i> (website) <a href="#">[link]</a> 2016
	<i>Unangam Tunuu Language Tools</i> (website) <a href="#">[link]</a> 2016
	<i>Linguistic Reconstruction Annotation Interface</i> (website) 2016
	<i>Lachixío Zapotec Language Tools</i> (website) 2016
	Open-source template for a web-based language learning website <a href="#">[link]</a> 2015
	Open-source template for a word-learning Android app <a href="#">[link]</a> 2015
	<i>Kashaya cahno</i> (Android app) 2015

	<i>Northern Pomo Language Tools</i> (website) [ <a href="#">link</a> ]	2014
	<i>jano sho:jin</i> – <i>Northern Pomo</i> (Android app)	2014
LANGUAGES	Native/Near-Native: English, Cantonese Chinese Conversational: American Sign Language, French, Japanese, Mandarin Chinese Research: Crow (Siouan), Hidatsa (Siouan), Umó <sup>n</sup> ho <sup>n</sup> (Siouan), Northern Pomo (Pomoan), Unangam Tunuu (Inuit-Yupik-Unangan)	
ARCHIVAL RESEARCH	Jesuit Archives & Research Center, St. Louis, MO (2024) National Anthropological Archive, Smithsonian Institution, Suitland, MD (2022) American Philosophical Society, Philadelphia, PA (2022) Grace Hudson Museum, Ukiah, CA (2018) Alaska Native Language Archive, Fairbanks, AK (2017) Little Big Horn College Archives, Crow Agency, MT (2016–2024)	
FIELDWORK	Crow: Crow Indian Reservation, MT (2016 – present: approx. 50 weeks) Northern Pomo: Redwood Valley Rancheria, CA (2019: 4 days) Unangam Tunuu (Aleut): St Paul Island, AK (2018: 2 weeks) Hidatsa: Fort Berthold Indian Reservation, ND (2017: 1 week)	
COMPUTER SKILLS	Languages: Java, Python, C, C++, HTML/CSS, JavaScript, PHP, XML, XPath, SQL, R statistical package, L <sup>A</sup> T <sub>E</sub> X, some use of MATLAB and Unix shell scripts Software (Linguistics): ELAN, FLE <sub>X</sub> , Praat; Software (Phylogenetics): BEAST 2, SplitsTree, DensiTree, RevBayes, BayesTraits, MrBayes; Software (Other): Xcode, NVivo, Tropy, Adobe Illustrator	
MENTORSHIP	Yale University <i>Project: Documentation of Crow</i> 2024–present Research Assistants: Anna Calkins, Alexandra Fordsman, Shoshana Promer, Jem Burch <i>In-Situ Fieldwork on the Crow Indian Reservation</i> Summer 2024 Research Assistants: Jem Burch, Toby Mark, Christina McDermott, Antonio Padilla, Jack Sullivan <i>Project: Crow and Hidatsa philology</i> 2023–2024 Research Assistants: Anna Calkins, Conan Thibodeau  UC Berkeley Linguistics First-Year PhD Mentorship 2022–2023 Mentee: Godiya Simon  UC Berkeley Linguistic Research Apprenticeship Program, <i>Graduate Student Mentor</i> 2018–2023 <i>Project: Documentation of Crow</i> Apprentices: Naomi Schroeter, Noah Sindall Spring 2023 Michael Didyk, Emma Kuykendall, Dennis Phan Spring 2022 Amber Boyd, Hitesh Khilwani, Emma Kuykendall, Justin Peterson, Fall 2021 Liam Mirise, Katharine Mulhern Tate Archibald, Omer Ben-Uzi Spring 2020 Alleia Guerrero, Kenna Schoeler Fall 2019 Christina McDermott Fall 2018 Benjamin Papadopoulos, Christina McDermott Summer 2018 <i>Project: Archiving of Endangered Language Resources</i> Fall 2018 Apprentice: Patrick Arakaki <i>Project: Online Unangam Unuu (Aleut) Corpus</i> Spring 2018 Apprentices: Rachel Lin, Christina McDermott	

	<i>Project: Educational Technology for Northern Pomo</i> Apprentices: Marcus Monterroso, Daniel Vazquez	Spring 2018
SUPERVISION	BA Senior Thesis, Yale University <i>Reader</i> Jack Sullivan, <i>Rewriting God: Translation Strategies of the United Aborigines Mission</i> (Advisor: Claire Bown)	Spring 2024
SERVICE & OUTREACH	<b>45th Annual Siouan and Caddoan Languages Conference</b> <a href="#">[link]</a> , <i>Co-organizer</i> With Dr. Tim McCleary, Little Bighorn College, Crow Agency, Montana, USA	2024 – 2025
	<b>Siouan Languages Working Group</b> <a href="#">[link]</a> , Zoom, <i>Organizer</i>	2021 – 2022
	<b>*dhworom</b> <a href="#">[link]</a> , UC Berkeley, <i>Organizer</i>	2020 – 2021
	<b>40th <a href="#">[link]</a> and 41st <a href="#">[link]</a> Annual Siouan and Caddoan Languages Conference</b> <i>Organizer</i>	2019 – 2021
	<b>Fieldwork Forum</b> <a href="#">[link]</a> , UC Berkeley, <i>Co-organizer</i>	Aug. 2018 – May 2020
	<b>Montana Indian Language Preservation Pilot Program</b> , Crow Agency, Montana, USA <i>Language Curriculum Developer</i>	Aug. 1-31, 2016
	<b>4th USA Science and Engineering Festival</b> , Washington, District of Columbia, USA <i>Consultant and Volunteer</i>	Apr. 15-17, 2016
WORKSHOPS	<b>Breath of Life Institute 2018</b> , UC Berkeley <i>Linguistic Mentor (Kashaya)</i>	Jun. 3-9, 2018
	<b>Expanding Linguistic Science by Broadening Native American Participation Workshop</b> , LSA Annual Meeting, Salt Lake City, UT <i>Linguist Partner</i>	Jan. 4-7, 2018
	<b>GLSA Python Workshop</b> , Georgetown University <i>Organizer and Instructor w/ James Maguire</i>	Nov. 21, 2015
	<b>GLSA Python Biweekly Tutorial</b> , Georgetown University <i>Organizer and Instructor</i>	Fall 2014, Spring 2015
MEMBERSHIP	Linguistic Society of America  Society for the Study of the Indigenous Languages of the Americas	