

Edwin Ko

CONTACT

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EMPLOYMENT

Yale University
Associate Research Scientist
Lecturer in Linguistics

Jul. 2023 – Aug. 2025
Jul. 2023 – Jun. 2025

EDUCATION

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

Georgetown University
M.S., Linguistics, 2016

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

PEER-REVIEWED PUBLICATIONS

Ko, E. and Burch, J. 2025. Transcription as an iterative and interpretive practice: Learning from the documentation of connected speech in Apsáalooke (Crow). *Language Documentation and Description*, 25(1), 1–26. [[link](#)]

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*, 6, 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](#)]

UNDER REVISION

Ko, E. Bayesian phylogenetics, typological traits, and the internal structure of the Siouan-Catawban family. R&R. (To be resubmitted to *Language Dynamics and Change*.)

Ko, E. Incorporating texts into language revitalization and reclamation efforts: Prospects and challenges. R&R. (To be resubmitted to *Language Documentation & Conservation*.)

IN PREPARATION

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

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](#)]

EDITED VOLUMES **Kasak, R. M., Boyle, J., & Ko, E.** *Proceedings of the 44th and 45th Siouan and Caddoan Languages Conference (SCLC)*. Bismarck, ND & Crow Agency, MT.

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 **UC Berkeley, Graduate Student Fellow, Berkeley Language Center** Aug. 2020 – Dec. 2020
EXPERIENCE Project: The role of texts in language revitalization

UC Berkeley, Graduate Research Associate, Social Science Matrix Oct. 2019 – May 2020
Project: Digital technology within language revitalization

UC Berkeley, Graduate Student Researcher, Andrew Garrett Jan. 2018 – May 2019
Project: Survey of California and Other Indian Languages

Georgetown University, Research Assistant, 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)

Boston University, Research Assistant, Catherine O’Connor May 2014 – Mar. 2015
Project: Documentation of Northern Pomo, supported by NSF-DEL grant (FN-50107-12)

TEACHING **Yale University, Primary Instructor**
EXPERIENCE 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 , <i>Guest Lecturer</i> , Topic: Language documentation and revitalization Course: Language Revitalization (LX 390), M. Catherine O'Connor	Nov. 8, 2022
UC Berkeley , <i>Graduate Student Instructor</i> 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 , <i>Graduate Student Assistants</i> "Semester in the Cloud" [link]: Introduction to Linguistic Science (LING 100), Peter Jenks	Summer 2020
Splash! at Berkeley , Berkeley, California, USA, <i>Co-Instructor</i> With R. T. Lau and W. L. A. L. Marquez Course: Mystery Language! Introduction to Linguistic Analysis	March 8, 2020
Redwood Valley Rancheria , <i>Co-Instructor</i> 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 , <i>Course Assistant</i> , David Sullivan Course: Introduction to Computer Science I (CS 111), David Sullivan	Fall 2013, Spring 2014

INVITED TALKS &
PARTICIPATION

Ko. E. *Transcription as an iterative practice: Learning from transcribing connected speech in Apsáalooke (Crow)*. Tuesday Seminar Series, Department of Linguistics, University of Hawai'i at Manoa, Honolulu, HI. Sep. 23, 2025.

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. Transcription practices in linguistic fieldwork: Documenting connected speech in Apsáalooke (Crow). Paper presentation at the *45th Annual Siouan and Caddoan Languages Conference*, Crow Agency, MT, June 3, 2025.

Ko, E. On expressing necessities, desires, and time in the Apsáalooke (Crow) language: A non-technical sketch. Paper presentation at the *45th Annual Siouan and Caddoan Languages Conference*, Crow Agency, MT, June 2, 2025.

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.

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

National Endowment for the Humanities Grant 2025–2028 (terminated)
Documenting connected speech in an endangered language [\[link\]](#)
US\$448,551 over three years to catalog and document connected speech in Umóⁿhoⁿ (Omaha)

Josephine De Karmen Fellowship 2023 (declined)

Smithsonian Institution Predoctoral Fellowship 2023 (declined)

UC Berkeley Outstanding Graduate Student Instructor Award 2023

National Science Foundation 2022–2025
Doctoral Dissertation Research Improvement Grant (BCS-2215488)
Inferring the linguistic past of an indigenous language family of North America [\[link\]](#)
US\$20,206 to conduct archival research and fieldwork on Crow

American Philosophical Society’s Daythal L. Kendall Short-Term Research Fellowship 2022
US\$3,000 to conduct archival research at the American Philosophical Society

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 2017
US\$4,430 to conduct fieldwork on Unangam Tunuu in Alaska

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

Mapping Crow Oral Histories (website) In progress

pglex: “pretty good lexicon” (website) 2020

Crow Language Materials (website) [\[link\]](#) 2016

Unangam Tunuu Language Tools (website) [\[link\]](#) 2016

Linguistic Reconstruction Annotation Interface (website) 2016

	<i>Lachixío Zapotec Language Tools</i> (website)	2016
	Open-source template for a web-based language learning website [link]	2015
	Open-source template for a word-learning Android app [link]	2015
	<i>Kashaya cahno</i> (Android app)	2015
	<i>Northern Pomo Language Tools</i> (website) [link]	2014
	<i>jano sho:jin – 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 ⁿ ho ⁿ (Siouan), Northern Pomo (Pomoan), Unangam Tunuu (Inuit-Yupik-Unangan)	
ARCHIVAL RESEARCH	Jesuit Archives & Research Center, St. Louis, MO (2024) Big Horn County Museum, Hardin, MT (2022, 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 – 2025: 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, \LaTeX , some use of MATLAB and Unix shell scripts Software (Linguistics): Audacity, ELAN, FLE _x , Praat; Software (Phylogenetics): BEAST 2, SplitsTree, DensiTree, RevBayes, BayesTraits, MrBayes; Software (Other): Adobe Illustrator, Mendeley, NVivo, Tropy, Zotero	
MENTORSHIP	Yale University <i>Project: Documentation of Crow</i> 2024–present Research Assistants: Anna Calkins, Alexandra Fordsman, Shoshana Promer, Jem Burch, Estelle Barlsirow, Danyou Tang <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, Liam Mirise, Katharine Mulhern	Fall 2021
	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 Uunuu (Aleut) Corpus</i>	Spring 2018
	Apprentices: Rachel Lin, Christina McDermott	
	<i>Project: Educational Technology for Northern Pomo</i>	Spring 2018
	Apprentices: Marcus Monterroso, Daniel Vazquez	
SUPERVISION	BA Senior Thesis, Yale University	
	<i>Reader</i>	Spring 2024
	Jack Sullivan, <i>Rewriting God: Translation Strategies of the United Aborigines Mission</i> (Advisor: Claire Bower)	
REVIEWER	Routledge/Taylor & Francis; Revue canadienne de linguistique/Canadian Journal of Linguistics; Journal of Language, Identity & Education	
SERVICE & OUTREACH	45th Annual Siouan and Caddoan Languages Conference [link], <i>Co-organizer</i>	2024 – 2025
	With Dr. Tim McCleary, Little Bighorn College, Crow Agency, Montana, USA	
	Siouan Languages Working Group [link], Zoom, <i>Organizer</i>	2021 – 2022
	*dhworom [link], UC Berkeley, <i>Organizer</i>	2020 – 2021
	40th [link] and 41st [link] Annual Siouan and Caddoan Languages Conference	
	<i>Organizer</i>	2019 – 2021
	Fieldwork Forum [link], UC Berkeley, <i>Co-organizer</i>	Aug. 2018 – May 2020
	Montana Indian Language Preservation Pilot Program , Crow Agency, Montana, USA	
	<i>Language Curriculum Developer</i>	Aug. 1-31, 2016
	4th USA Science and Engineering Festival , Washington, District of Columbia, USA	
	<i>Consultant and Volunteer</i>	Apr. 15-17, 2016
WORKSHOPS	Breath of Life Institute 2018 , UC Berkeley	
	<i>Linguistic Mentor (Kashaya)</i>	Jun. 3-9, 2018
	Expanding Linguistic Science by Broadening Native American Participation Workshop , LSA Annual Meeting, Salt Lake City, UT	Jan. 4-7, 2018
	<i>Linguist Partner</i>	
	GLSA Python Workshop , Georgetown University	Nov. 21, 2015
	<i>Organizer and Instructor w/ James Maguire</i>	
	GLSA Python Biweekly Tutorial , Georgetown University	Fall 2014, Spring 2015
	<i>Organizer and Instructor</i>	

MEMBERSHIP

Association for Conservation of Hong Kong Indigenous Languages

Linguistic Society of America

Society for the Study of the Indigenous Languages of the Americas