

Thomas T. Kettig, PhD

Department of Languages, Literatures & Linguistics
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Academic Employment

- 2023– Assistant Professor, Linguistics
Department of Languages, Literatures & Linguistics
York University (Toronto, ON)
- 2023 Associate Lecturer
Department of Language and Linguistic Science
University of York (York, UK)
- 2022 Research Associate
Department of Language and Linguistic Science
University of York (York, UK)
- 2021 Adjunct Assistant Professor
Department of Linguistics and Communication Disorders
Queens College, City University of New York (New York, NY)

Education

- 2016–2021 PhD, Linguistics
University of Hawai'i at Mānoa (Honolulu, HI)
Dissertation: [*Ha 'ina 'ia mai ana ka puana: The vowels of 'ōlelo Hawai'i*](#)
- 2014–2015 MPhil (Distinction), Theoretical and Applied Linguistics
St Edmund's College, University of Cambridge (Cambridge, UK)
Thesis: [*The BAD-LAD split: A phonetic investigation*](#)
- 2009–2013 BA (First Class Honours), Linguistics
McGill University (Montréal, QC)
Thesis: *Production and perception of the Canadian Shift in Montréal*

Publications and Presentations

- in prep Hughes, V., C. Llamas, and T. Kettig. Regional accent effects on human and automatic speaker recognition performance.
- in prep Kettig, T. and L. Davidson. Acoustic correlates of stress in Hawaiian.

Peer-Reviewed Journal Articles

- 2023 Coretta, S., Casillas, J., ... Kettig, T., ... Roettger, T. Multidimensional signals and analytic flexibility: Estimating degrees of freedom in human speech analyses. *Advances in Methods and Practices in Psychological Science*. DOI: <https://doi.org/10.31234/osf.io/q8t2k>.
- 2017 Kettig, T. and B. Winter. Producing and Perceiving the Canadian Vowel Shift: Evidence from a Montreal Community. *Language Variation and Change* 29(1): 79–100. DOI: <https://doi.org/10.1017/S0954394517000023>.
- 2016 Turner, S., T. Kettig, Đinh Thị Diệu and Phạm Văn Cự. State Livelihood Planning and Legibility in Vietnam’s Northern Borderlands: The ‘Rightful Criticisms’ of Local Officials. *Journal of Contemporary Asia* 46(1): 42–70. DOI: <http://doi.org/10.1080/00472336.2015.1028964>.

Book Chapters and Conference Proceedings

- 2023 Kettig, T. Word class and frequency effects in Hawaiian stressed vowel clusters. *Proceedings of the 20th International Congress of Phonetic Sciences*, Prague, Czechia, 9 August.
- 2022 Hughes, V., C. Llamas, and T. Kettig. Eliciting and evaluating likelihood ratios for speaker recognition by human listeners under forensically realistic channel-mismatched conditions. *Proceedings of Interspeech 2022*. Incheon, South Korea, 18-22 September.
- 2021 Drager, K. and T. Kettig. Sociophonetics. In R.-A. Knight and J. Setter (eds), *Cambridge Handbook of Phonetics*. Cambridge: Cambridge University Press, pp. 551–577.
- 2019 Kettig, T. Spectral coarticulation in Hawaiian /aV/ and /aCV/ sequences. In S. Calhoun, P. Escudero, M. Tabain, and P. Warren (eds), *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia, pp. 3558–3562. Canberra: Australasian Speech Science and Technology Association Inc.
- 2017 Kettig, T. Now say ‘Ah’: Internal factors of shifting and the English low vowel space. In E. Louvriot and C. Delesse (eds), *Studies in Language Variation and Change 2: Shifts and Turns in the History of English*. Newcastle upon Tyne: Cambridge Scholars Publishing.
- 2016 Kettig, T. The BAD-LAD split: Secondary /æ/-lengthening in Southern Standard British English. 90th Annual Meeting of the Linguistic Society of America. Washington, DC, 8 January (Poster). [Extended abstract online](#).

- 2015 Kettig, T. and B. Winter. Production and perception asymmetries in the Canadian Vowel Shift. *Proceedings of the 6th International Conference on Experimental Linguistics*. Athens, Greece, 26 June.
- 2014 Kettig, T. The Canadian Shift: Its acoustic trajectory and consequences for vowel categorization. 88th Annual Meeting of the Linguistic Society of America. Minneapolis, MN, 4 January. [Extended abstract online](#).

Conference Presentations

- 2024 Kettig, T. and L. Davidson. Acoustic correlates of stress in contrastive short and long vowels in ‘ōlelo Hawai‘i. LabPhon19. Seoul, Korea, 27–29 June.
- Kettig, T. and L. Davidson. Stress and contrastive length are distinctively cued in ‘ōlelo Hawai‘i vowels. AFLA31, Amherst, MA, 12–14 June.
- 2023 Kettig, T. Inter- and intra-speaker /ai~ei/ variation in ‘ōlelo Hawai‘i: Acoustic and historical-comparative evidence. NWAV51. Flushing, NY, 13 October.
- Hughes, V., C. Llamas, and T. Kettig. The effect of other forensic evidence and expert opinions on lay listener perceptions in voice comparison tasks. International Association for Forensic Phonetics and Acoustics. Zürich, Switzerland, 10 July.
- Hughes, V., C. Llamas, and T. Kettig. Typicality and regional salience: Results from a gamified experiment on speaker recognition. UKLVC14. Edinburgh, UK, 28 June.
- 2022 Kettig, T. Word class and diphthong reduction in ‘ōlelo Hawai‘i. NWAV50. San Jose, CA, 14 October.
- Hughes, V., C. Llamas, and T. Kettig. Legal context biases listeners toward hearing voice pairs as more similar. NWAV50. San Jose, CA, 14 October.
- Hughes, V., C. Llamas, T. Kettig, J. Cutting, and D. Slawson. SoundJury: gamification of a speaker recognition experiment. Digital Creativity, Industry and Culture Conference, York, UK, 20 September.
- Hughes, V., C. Llamas, and T. Kettig. A game-based approach to eliciting and evaluating likelihood ratios for speaker recognition. International Association for Forensic Phonetics and Acoustics. Prague, Czechia, 10 July.

- 2021 Kettig, T. Nānā i ke kumu: Acoustic phonetic research on archival recordings of ‘ōlelo Hawai‘i. International Conference on Language Documentation and Conservation 7. [Online](#).
- 2018 Kettig, T. and K. Drager. The social evaluation of TRAP-backing in Montreal. Sociolinguistics Symposium 22. Auckland, New Zealand, 30 June.
- 2017 Kettig, T. Diachronically stable, lexically specific variation: The phonological representation of secondary /æ/-lengthening. Phonetics and Phonology in Europe. Cologne, Germany, 12-14 June. (Poster)
- Kettig, T. One hundred years of stability: The case of the BAD-LAD split. 91st Annual Meeting of the Linguistic Society of America. Austin, TX, 6 January. (Poster)
- 2016 Kettig, T. Preaspiration following /æ/ in Southern Standard British English. Sociolinguistics Symposium 21. Murcia, Spain, 15–18 June.
- 2015 Kettig, T. and B. Winter. The Canadian Vowel Shift in production and perception: New Evidence from Montreal. NWAV44. Toronto, ON, 22-25 October.
- Kettig, T. Now say ‘Ah’: Internal factors of shifting and the English low vowel space. 4th Biennial Conference on the Diachrony of English. Troyes, France, 6 July.
- Kettig, T. Changing accents, changing vowels. St Edmund’s Interdisciplinary Conference. St Edmund’s College, Cambridge, UK, 19 February.
- 2014 Kettig, T. Gussing rōndomly: How Canadians are advancing, spreading, and perceiving an active vowel shift. Sociolinguistics Symposium 20. Jyväskylä, Finland, 18 June.
- Kettig, T. The Canadian short vowels in motion: Real-time change and regional diffusion. American Dialect Society. Minneapolis, MN, 2 January.
- 2013 Kettig, T. Production and perception of short vowels in Montréal. McGill Canadian Conference for Linguistics Undergraduates. Montréal, QC, 18 March.

Workshops

- 2025 Cheng, A., L. Davidson, ‘Ō. Parker Jones, T. Kettig, and N. H. Solomon. Talk Story: ‘Ōlelo aku, ‘ōlelo mai: Building reciprocity into ‘ōlelo Hawai‘i pronunciation research. ICLDC9. Honolulu, HI, 6–9 March.

2021 Barreda, S., T. Kettig, and C. Nove. Improving vowel formant analysis in sociophonetic research using Fast Track. NWA49. Online, 19 October.

Invited Presentations

- 2024 “The sounds of Hawaiian: Language status and current research”
International Linguistics Association
- “‘Ōlelo Hawai‘i vowel analysis: Recent research and future directions”
Ka Haka ‘Ula o Ke‘elikōlani, University of Hawai‘i at Hilo
- 2023 “Quantitative Sociophonetics in Hawaiian”
Department of Linguistics, University of Toronto
- 2021 “Language variation, change, and ‘correctness’” &
“Intro to Phonetics: Documenting the sounds of Kibaku”
Language Documentation Training Center, University of Hawai‘i at Mānoa
- “Processing phonetic data: A workflow for visualizing Hawaiian vowels”
VTLx Speaker Series: Class Visits
Virginia Polytechnic Institute
- 2020 “How many vowels does Hawaiian have?”
Sounds of Language and Speech Research Group
Aarhus University
- 2018 “Peripherality and representations: A safari through the English low vowels”
NZILLB Seminar Series
New Zealand Institute for Language and Brain Behaviour &
CoEDL-ANU Linguistics Seminar
Department of Linguistics, Centre of Excellence for the Dynamics of Language, Australian National University

Teaching Experience

York University

LING 1430/2430: Language, Power, and Persuasion (W2024, W2025)
LING 2110: Phonetics (F2023)
LING 4220: Acoustic Phonetics (W2024, F2024)
LING 4400: Research in Sociolinguistic Variation and Change (F2024)
LAL 6600: Graduate Research Seminar in Theoretical Linguistics (W2024, W2025)

University of York

LAN09I: Intermediate Phonetics and Phonology (W2023)

LAN33M: Quantitative Methods (W2023)

Queens College, CUNY

LCD 150: Linguistic Phonetics (W2021)

University of Hawai‘i at Mānoa

LING 102: Introduction to the Study of Language (W2019, F2019, W2020)

Institut universitaire de technologie de Nice Sophia-Antipolis

Lecteur d’anglais (F2013, W2014)

Other Invited Guest Lectures

- 2024 “Noi‘i Kālaikani” (Acoustic research; lectures in Hawaiian and English)
HAW 332: Listening Comprehension and Transcription
HAW 452: Structure of Hawaiian
HAW 602: Kākā‘ōlelo (Oration)
Prof. Laiana Wong, Prof. Kaliko Baker. University of Hawai‘i at Mānoa
- 2020, 2021 “Nā woela o ka ‘ōlelo Hawai‘i” (Vowels of Hawaiian; lectures in Hawaiian)
HAW 332: Listening Comprehension and Transcription
Prof. Laiana Wong. University of Hawai‘i at Mānoa
- 2018 “English Variation and Vowel Shifts”
LING 410: Articulatory Phonetics
Prof. Rory Turnbull. University of Hawai‘i at Mānoa
- “History of English”, “Sound Change”
LING 102: Intro to Study of Language
Catherine Lee. University of Hawai‘i at Mānoa
- 2015 “Canadian English”
Varieties of English
Prof. Bert Vaux. Pembroke-King’s Summer Programme, Cambridge

Research Assistantships

- 2021 Forced Alignment Consultant, Sociolinguistic variation in New Orleans
Virginia Polytechnic Institute
PI: Prof. Katie Carmichael
- 2017–2018 Head Graduate Assistant, Language Analysis and Experimentation Lab
University of Hawai‘i at Mānoa
Supervised by Profs. Katie Drager and Rory Turnbull

- 2016–2017 Graduate Assistant, Language Analysis and Experimentation Lab
University of Hawai‘i at Mānoa
Supervised by Prof. Victoria Anderson
- 2015 Research Assistant, ‘Swiss VoiceApp: Your voice, your identity’
Universität Zürich
PI: Dr. Adrian Leemann
- 2013–2018 Research Assistant (seasonal), Department of Linguistics
McGill University
PI: Prof. Charles Boberg
- 2013–2016 Research Assistant (seasonal), Prosody Lab
McGill University
PI: Prof. Michael Wagner
- 2009–2016 Research Assistant, Minorities in the Southeast Asian Massif Research Lab
Supervised by Profs. Sarah Turner (McGill) and Jean Michaud (U. Laval)

Awards and Grants

York University – Internal

- 2023–2026 Provost funding (CAD 50,000/year)
2023–2024 LING/LAL Lecture series funding (CAD 3,500)
2023 YUFA Research Support Grant (CAD 4,500)
2023 Startup funding (CAD 15,000)

University of Hawai‘i at Mānoa – Department of Linguistics

- 2020 Achievement award (\$2,000)
2016–2019 Conference funding (\$1,200, \$1,400, \$1,600, \$1,700)
2019 Travel stipend (\$2,016)

University of Hawai‘i at Mānoa – University-wide

- 2018–2021 Dai Ho Chun Fund for Graduate Fellowships (\$1,900, \$3,000)
2018–2019 S. H. Elbert Grad. Schol. Fund in Hawaiian & Polynesian Langs. (\$2,000)
2017–2020 Mānoa Opportunity Grant (3 times: \$4,000 each)
2016 UH Graduate Student Organization award for conference travel (\$700.25)

University of Hawai‘i at Mānoa – Bilinski Educational Foundation

- 2020–2021 Dissertation fellowship (\$30,000)
2017–2018 Fieldwork grants (\$3,399, \$4,900)

Technical and Language Skills

Transcription: ELAN

Data analysis and visualization: R, including tidyverse, ggplot2, yarr, lme4

Acoustic analysis: Praat, Montreal Forced Aligner, Fast Track

Manuscript preparation: Google Suite, Microsoft Office, LaTeX
Languages: English, French, Hawaiian, German, Yiddish, Finnish

Professional Memberships

2022– International Speech Communication Association
2017– International Phonetic Association
2017– Association for Laboratory Phonology
2016–2021 Linguistic Society of Hawai‘i
2014– Philological Society (UK)
2013–2020 American Dialect Society
2013– Linguistic Society of America

Professional Service

York University

2024– Linguistics Field Representative, LAL Council (LING/LAL service)
2024 Member, Tenure & Promotion Adjudication Committee –French Studies, Glendon (University service)
2023– DLLL Linguistics Lecture Series Committee member (LING/LAL service)
2023 SSHRC/OGS Ranking Committee (DLLL service)
2023 Chair Search Committee (DLLL service)

University of Hawai‘i

2018–2020 Student/Faculty Representative, Linguistic Society of Hawai‘i
2017–2018 Secretary, Linguistic Society of Hawai‘i

Other Professional Service

Journal Referee

Language Variation and Change
Asia-Pacific Language Variation
Linguistics Vanguard
International Journal of Speech, Language and the Law
Te Reo
Journal of Phonetics

Conference Support

2023 NWAV 51
Session chair

2019, 2021 ICLDC 6, 7
‘Talk Story’ liaison, Volunteer, Session facilitator

Referee: Laboratory Phonology 17, 18, 19; NWAV 50, 51; ICPhS 2023