James Tanner

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Website | OSF | Github

Employment

2021-present	**Speech Scientist**, Resemble AI	Montréal, Canada
2021-2021	**Research Analyst**, Data Sciences	Montréal, Canada
2020-2021	**Research Assistant**, Department of Linguistics, McGill University	Montréal, Canada
2017-2018	**Language Engineer**, Amazon	Gdańsk, Poland

Education

2016-2020   **PhD, Linguistics**   McGill University
- Title: *Structured phonetic variation across dialects and speakers of English and Japanese* (PDF)
- Advisors: Morgan Sonderegger, Jane Stuart-Smith
- Committee: Meghan Clayards, Charles Boberg
- Examiners: Francisco Torreira (internal), Gerry Docherty (external)
- Defence committee: Heather Goad (chair), Yoonjung Kang (external), Morgan Sonderegger, Meghan Clayards, Francisco Torreira

2013-2015   **MA, Linguistics**   McGill University
- Title: *The representation and processing of inflectional morphology: the prosodic dual-route hypothesis*
- Advisor: Heather Goad

2008-2011   **BA (Honours), Linguistics**   University of Kent

Journal Publications

accepted   **Tanner, J.** 'Prosodic and durational influences on the formant dynamics of Japanese vowels'. *JASA Express Letters*

2020   **Tanner, J.**, Sonderegger, M., and Stuart-Smith, J. 'Structured speaker variability in Japanese stops: relationships within versus across cues to stop voicing'. *Journal of the Acoustical Society of America*, 148 (2), 793-804. 10.1121/10.0001734

2020   **Tanner, J.**, Sonderegger, M., Stuart-Smith J., and Fruehwald, J. 'Toward 'English' phonetics: variability in the pre-consonantal voicing effect across English dialects and speakers'. *Frontiers in Artificial Intelligence*, 3:38. 10.3389/frai.2020.00038

2019   **Tanner, J.**, Sonderegger M., and Torreira, F. 'Durational evidence that Tokyo Japanese vowel devoicing is not gradient reduction'. *Frontiers in Psychology*, 10:821. 10.3389/fpsyg.2019.00821

2017   **Tanner, J.**, Sonderegger, M., and Wagner, M.. 'Production planning and coronal stop deletion in spontaneous speech'. *Laboratory Phonology*, 8(1), 15. 10.5334/labphon.96

Conference Proceedings

2022   **Tanner, J.**, Sonderegger, M., and Stuart-Smith, J. 'Multidimensional acoustic variation across English dialects'. In *Proceedings of the 19th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*, Seattle, Washington. Pages 72-82. 10.18653/v1/2022.sigmorphon-1.8

2019   **Tanner, J.**, Sonderegger, M., and Stuart-Smith, J. 'Structured speaker variability in spontaneous Japanese stop contrast production'. In *Proceedings of the 19th International Congress of Phonetic Sciences.* Melbourne, Australia. Pages 666-670. Access

2019   **Tanner, J.**, Sonderegger, M., Stuart-Smith, J., and The SPADE Consortium. 'Vowel duration and the voicing effect across English dialects'. *Toronto Working Papers in Linguistics*, 41(1). 10.33137/twpl.v41i1.32769

2015   **Tanner, J.**, Sonderegger, M., and Wagner, M.. 'Production planning and coronal stop deletion in spontaneous speech'. In *Proceedings of the 18th International Congress of Phonetic Sciences.* Glasgow, United Kingdom. Access

Conference Presentations

2022   **Tanner, J.**, Sonderegger, M., Stuart-Smith, J., and The SPADE Consortium. 'Multidimensional acoustic variation in vowels across English dialects'. Presented at *The 19th SIGMORPHON Workshop*, 14th July, Seattle, Washington.

2021   Stuart-Smith, J., MacDonald, R., **Tanner, J.**, and The SPADE Consortium. 'The sociolinguistic dynamics of word-final /r/ in Scottish English'. Presented at *UK Language Variation & Change 13*, 8th-10th September, University of Glasgow.

2020   Stuart-Smith, J., MacDonald, R., **Tanner, J.**, and The SPADE Consortium. 'Viewing accent variation from a large corpus perspective: rhoticity in Scottish English'. Presented at *The 25th Japanese/Korean Linguistics Conference Satellite Workshop on Experimental Phonetics*, 28th December, Seoul, South Korea.

2020   Stuart-Smith, J., Mielke, J., MacDonald, R., **Tanner, J.**, Sonderegger, M., and The SPADE Consortium. 'Persuading birds of a feather to flock together – reflections on managing and measuring diverse speech corpora in SPADE'. Presented at *The 2020 Australian Linguistic Society Conference*, 14th December, Australia.

2020   Stuart-Smith, J., Sonderegger, M., Mielke, J., **Tanner, J.**, Willterton, V., and The SPADE Consortium. 'Desperately seeking English sibilants: Discovering dialect norms and speaker variability for /s S/ from large-scale multi-dialect analysis'. Presented at *LabPhon 17*, 6-8th July, University of British Columbia/Simon Fraser University.

2020   **Tanner, J.**, Sonderegger, M., Stuart-Smith, J., and The SPADE Consortium. 'Vowel variation across English dialects'. Presented at *SPADE-PAC-PFC Workshop*, 20-21st February, University of Glasgow.

2019   Stuart-Smith, J., Macdonald, R., **Tanner, J.**, and The SPADE Consortium. 'Large-scale automatic acoustic analysis of word-final /r/ in Scottish English'. Presented at *R-atics 6*, 7-8th November, Laboratoire de Phonétique et Phonologie, UMR 7018 - CNRS/Université Sorbonne Nouvelle - Paris - 3.

2019   **Tanner, J.**, Sonderegger, M., Stuart-Smith, J., and The SPADE Consortium. 'How consistent is the voicing effect across dialects of English?'. Poster presented at *UK Language Variation & Change 12*, 3-5th September, Queen Mary's University of London & University College London.

2019   **Tanner, J.,** Sonderegger, M., and Stuart-Smith, J. 'Structured speaker variability in spontaneous Japanese stop contrast production'. Presented at *The 19th International Congress of Phonetic Sciences*, 5-9th August, Melbourne, Australia.

2019   **Tanner, J.**, Sonderegger, M., Stuart-Smith, J. and The SPADE Data Consortium. 'Vowel duration & the "voicing effect" across English dialects and speakers'. Presented at *The Montreal-Ottawa-Toronto*

2018   *Phonology Workshop*, 29-31 March, University of Toronto, Toronto, ON, Canada. Stuart-Smith, J., Sonderegger. M., McAuliffe, M., **Tanner, J.**, and Willerton, V. 'Integrated Speech Corpus ANalysis (IS-CAN): a new tool for large-scale cross-corpus sociolinguistic analysis'. Presented at *NWAV 47*, 17th October, NYU/CUNY.

2017   **Tanner, J.**. 'Phonetic and phonological mechanisms of Tokyo Japanese vowel devoicing'. Presentation at *The Montreal-Ottawa-Toronto Phonology Workshop*, 22-24 March, Université du Québec à Montréal,

2015   Montreal, Canada. **Tanner, J.**, Sonderegger, M., and Wagner, M. 'Production planning and coronal stop deletion in spontaneous speech'. Presented at *The 18th International Congress of Phonetic Sciences*, 10-14th August, Glasgow, UK.

Data

2020   Sonderegger, M., Stuart-Smith, J., **Tanner, J.**, Willerton, V., Macdonald, R., and Mielke, J. *SPADE: Speech Across Dialects of English.* 10.17605/OSF.IO/4JFRM

Teaching

Jan-April 2020   **Technical Assistant** Experimental Linguistics: Methods   McGill University
- Regression analysis, R & shell programming.

Jan-April 2019   **Teaching Assistant** Phonetics   McGill University
- Acoustic & articulatory phonetics, dialectology, prosody, connected speech, phonetic reduction.

Jan-April 2015   **Teaching Assistant** Introduction to Linguistics   McGill University
- Formal methods in phonology, morphology, syntax, semantics, and pragmatics.

Sept-Dec 2014   **Teaching Assistant** Introduction to the Study of Language   McGill University
- Language acquisition, psycholinguistics, sociolinguistics, dialects of English.

Awards

2022   Best Paper Award, *SIGMORPHON/North American Association for Computational Linguistics*

2020   Lara Riente Memorial Prize, *Department of Linguistics, McGill University*

2020   Student Travel Award, *Centre for Research on Brain, Language and Music*

2019   International Internship Award, *Fonds de Recherche Nature et Technologie*
- Award to support 4-month research fellowship at the University of Glasgow

2019   Best Student Paper (Shortlist), *International Congress of Phonetic Sciences*

2015, 2019   Student Travel Award, *International Phonetic Association*

2014, 2016   McCall McBain Fellowship in Arts, *McGill University*

2013, 2014   Graduate Excellence Fellowship, *McGill University*

Service

Article review

2022   *Phonology*

2022   *JASA Express Letters*

2019   *International Congress of Phonetic Sciences*

2017   *Glossa*

Grant review

2022   National Science Foundation (NSF)

Editor

2013-2015   McGill University Working Papers in Linguistics

Conference organisation

2014   North American Computational Linguistics Olympiad (NACLO)

2011   University of Kent Undergraduate Linguistics Conference

Skills

Languages: English (native), Japanese (approx JLPT N4/N3, research)
Technical: R, Python, Praat, SQL, LaTeX, UNIX/shell