

PHIL J. HOWSON

Leibniz-Zentrum Allgemeine
Sprachwissenschaft (ZAS)
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ACADEMIC POSITIONS

- 2021-2023 Marie Skłodowska-Curie Postdoctoral Fellow. Leibniz-Zentrum Allgemeine Sprachwissenschaft.
Mentor: Dr. Marzena Żygis.
- 2020-2021 SSHRC Postdoctoral Scholar. Department of Linguistics, University of Victoria.
Mentor: Dr. Sonya Bird.
- 2018-2020 NIH Postdoctoral Researcher. Department of Linguistics, University of Oregon.
Principal Investigator: Dr. Melissa Redford.

EDUCATION

- 2013-2018 Ph. D., University of Toronto.
Title: A Phonetic Examination of Rhotics: Gestural Representation Accounts for Phonological Behaviour.
Committee: Dr. Alexei Kochetov, Dr. Philip J. Monahan, Dr. Peter Jurgec.
- 2012-2013 Master of Arts, University of Toronto.
- 2009-2012 Bachelor of Arts (Honours), University of British Columbia.

PEER REVIEWED JOURNAL PUBLICATIONS

JOURNAL ARTICLES

- Howson, P. J.** & Redford, M. A. (2021). The acquisition of articulatory timing for liquids: evidence from anticipatory coarticulation. *Journal of Speech, Language, and Hearing Research*, 734-753.
- Howson, P. J.**, Kallay, J., & Redford, M. A. (2021). A psycholinguistic method for measuring coarticulation in child and adult speech. *Behavior Research Methods*, 846-863.
- Howson, P. J.** & Kochetov, A. (2020). Lowered F2 observed in uvular rhotics involves a tongue root gesture: evidence from Upper Sorbian. *Journal of the Acoustical Society of America* 147(4), 2845-2857.
- Howson, P. J.** & Monahan, P. J. (2020). A method for comparing distances and areas with multidimensional scaling. *MethodsX*. 100790.
- Howson, P. J.** & Monahan, P. J. (2019). Perceptual motivation for the rhotics as a class. *Speech Communication* 115, 15-28.
- Howson, P.** (2018). Palatalization and rhotics: an acoustic examination of Sorbian. *Phonetica* 75(2), 132-150.
- Howson, P.** (2017). Upper Sorbian. *Journal of the International Phonetic Association* 47, 1-9.
- Howson, P.**, Kochetov, A., & Van Lieshout, P. (2015). Examination of the grooving patterns of the Czech trill-fricative. *Journal of Phonetics* 49, 117-129.
- Howson, P.**, Komova, E., & Gick, B. (2014). Czech trills revisited: An ultrasound, EGG and acoustic study. *Journal of the International Phonetic Association* 44(2), 115-132.

JOURNAL ARTICLES IN PREPARATION

- Howson, P. J.**, Moisiak, S., & Żygis, M. (*under revision*). Lateral vocalization in Brazilian Portuguese. *Journal of the Acoustical Society of America*.
- Jaker, A. & **Howson, P. J.** (*under revision*). An Acoustic Study of Tetsót'mé Stress. *Phonology*.
- Howson, P. J.** & Madathodiyil, I. (*submitted*). The production and perception of liquids: a cross-linguistic examination. *Attention, Perception, & Psychophysics*.
- Howson, P. J.** & Redford, M. A. (*submitted*). A cross-sectional age group study of coarticulatory resistance: the case of late-acquired voiceless fricatives in English. *Journal of Speech, Language, and Hearing Research*.
- Howson, P. J.** & Monahan, P. J. (*in prep.*). Acoustic-Perceptual Factors both Maintain and Account for the Rarity of the Czech Trill-Fricative.
- Redford, M. A. & **Howson, P. J.** (*in prep.*). Listener preference is for reduced determiners that have increased anticipatory coarticulation with the following noun.
- Howson, P. J.** & Bird, S. (*in prep.*). L2 acquisition of coronal fricatives and affricates in Hul'qumi'num.

SCHOLARSHIPS, GRANTS, & AWARDS

2021-2023	Marie Skłodowska-Curie Individual Fellowship	€162,806
2021-2023	SSHRC Mitacs Elevate Research Management Training Initiative	C\$7,000
2020-2022	SSHRC Postdoctoral Fellowship	C\$90,000
2018	Doctoral Completion Award	C\$4,000
2015-2018	Joseph-Armand Bombardier CGS Doctoral Scholarship	C\$105,000
2016	Michael Smith Foreign Studies Supplement	C\$5,989
2016	Germany/Europe Fund	C\$4,000
2014-2015	Ontario Graduate Scholarship	C\$15,000
2014	Germany/Europe Fund	C\$3,809
2011-2012	Japanese Student Services Organization Scholarship	¥800,000

OTHER PUBLICATIONS

PEER REVIEWED BOOK CHAPTERS

- Howson, P.** & Komova, E. (2015). Simplifying the complexity of speech: an argument for a phonetic basis to sound change. In Skarnitzl, R. & Niebuhr, O. (eds.), *Tackling the Complexity in Speech*, pp. 123-134. Prague: Charles University.
- Howson, P.** & Monahan, P. J. (2015). Simple phonological contrasts causing complex phonetic differences. In Skarnitzl, R. & Niebuhr, O. (eds.), *Tackling the Complexity in Speech*, pp. 113-122. Prague: Charles University.

CONFERENCE PROCEEDINGS

* = peer-reviewed

- Howson, P. J.** & Redford, M. A. (2019). Listener preference is for reduced determiners that anticipate the following noun. *International Congress of Phonetic Sciences*, pp. 1-5. Melbourne, Australia.*
- Howson, P. J.** & Redford, M. A. (2019). Liquid coarticulation in child and adult speech. *International Congress of Phonetic Sciences*, pp. 1-5. Melbourne, Australia.*

- Howson, P.** & Kochetov, A. (2018). Gestural lenition of rhotics captures variation in Brazilian Portuguese. *Interspeech 2018*, pp. 1-5. Hyderabad, India.*
- Howson, P.** & Kochetov, A. (2016). An acoustic examination of laterals in Lower Sorbian. *Proceedings of Meetings on Acoustics* 28, 060002, 1-10.
- Howson, P.** (2015). An acoustic examination of the three-way sibilant contrast in Lower Sorbian. *Interspeech 2015*, pp. 2670-2674. Dresden, Germany.*
- Kochetov, A. & **Howson, P.** (2015). On the incompatibility of trilling and palatalization: a single-subject study of sustained apical and uvular trills. *Interspeech 2015*, pp. 2187-2191. Dresden, Germany.*
- Howson, P.** & Kochetov, A. (2015). An EMA examination of liquids in Czech. *International Congress of Phonetic Sciences*, pp. 1-4. Glasgow, Scotland.*
- Yamane, N., **Howson, P.**, & Po-Chun, W. (2015). An ultrasound examination of taps in Japanese. *International Congress of Phonetic Sciences*, pp. 1-4. Glasgow, Scotland.*
- Howson, P.** & Kochetov, A. (2014). Electropalatography examination of groove width in Russian. *Proceedings of Meetings on Acoustics* 20, 060007, 1-7.
- Howson, P.** & Kochetov, A. (2014). An EMA investigation of the Czech alveolar and post-alveolar fricatives. In Fuchs, S., Grice, M., Hermes, A., Lancia, L., & Mücke, D. (eds.), *Proceedings of the 10th International Seminar on Speech Production*, pp. 210-213.*
- Howson, P.**, Neufeld, C., & Kochetov, A. (2013). An electromagnetic articulography investigation of the Czech trill-fricative. *Proceedings of Meetings on Acoustics* 19, 060278, 1-8.*
- Howson, P.**, Komova, E., & Gick, B. (2011). EGG Study of the Czech Phoneme /ɣ/. *Journal of the Canadian Acoustics Association* 39(3), 162-163.

PRESENTATIONS

PEER REVIEWED

- Howson, P. J.** & Redford, M. A. (2020). Context effects on schwa production in “gotta” distinguish “got to” from “got a.” *The 17th Laboratory Phonology Conference*. Vancouver, Canada. July 6-8.
- Irfana, M. & **Howson, P. J.** (2020). What does cross-linguistic perception tell us about phonological categories?. *The 17th Laboratory Phonology Conference*. Vancouver, Canada. July 6-8.
- Howson, P. J.** & Redford, M. A. (2019). Listener preference is for reduced determiners that anticipate the following noun. *The 19th International Congress of Phonetic Sciences*. Melbourne, Australia. August 5-9.
- Howson, P. J.** & Redford, M. A. (2019). Liquid coarticulation in child and adult speech. *The 19th International Congress of Phonetic Sciences*. Melbourne, Australia. August 5-9.
- Howson, P. J.** & Kochetov, A. (2018). Gestural lenition of rhotics captures variation in Brazilian Portuguese. *Interspeech 2018*. Hyderabad, India. September 2-6.
- Howson, P. J.** & Monahan, P. J. (2018). Perceptual motivation for rhotic class membership. *The 92nd Annual Meeting of the Linguistic Society of America*. Salt Lake City, Utah. January 4-7.
- Gananathan, R. & **Howson, P.** (2017). Coarticulation effects for dental, retroflex, and alveolopalatal fricatives, affricates and rhotics in Beijing Mandarin. *The 11th International Seminar on Speech Production*. Tianjin, China. October 16-19.
- Howson, P.** & Gananathan, R. (2017). Mandarin speakers’ perception of rhotics. *The 11th International Seminar on Speech Production*. Tianjin, China. October 16-19.

- Howson, P.** (2017). An ultrasound investigation of Upper Sorbian rhotics. *Ultrafest VIII*. Potsdam, Germany. October 4-6.
- Kochetov, A. & **Howson, P.** (2016). Formant trajectories in the realization of 3 Malayalam rhotics. *The 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*. Honolulu, Hawaii. November 28-December 2.
- Howson, P.** (2016). A preliminary ultrasound examination of Upper Sorbian rhotics. *The 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*. Honolulu, Hawaii. November 28-December 2.
- Howson, P.** (2016). A preliminary ultrasound study of liquids in Upper Sorbian. *The 11th Slavic Society Annual Meeting*. Toronto, Canada. September 23-25.
- Howson, P.** & Kochetov, A. (2016). An acoustic examination of laterals in Lower Sorbian. *The 22nd International Congress on Acoustics*. Buenos Aires, Argentina. September 5-9.
- Yamane, N., **Howson, P.**, Noguchi, M., & Gick, B. (2016). When dynamics conflict: flap dynamics and taps in Japanese. *The 15th Laboratory Phonology Conference*. Ithaca, New York. July 13-16.
- Howson, P.** & Monahan, P. J. (2016). Adaptive dispersion: a perceptual motivation for sound change. *The 15th Laboratory Phonology Conference*. Ithaca, New York. July 13-16.
- Howson, P.** & Yamane, N. (2015). An ultrasound investigation of palatalized taps in Japanese. *Ultrafest VII*. Pok Fu Lam, Hong Kong. December 8-10.
- Kochetov, A. & **Howson, P.** (2015). On the incompatibility of trilling and palatalization: a single-subject study of sustained apical and uvular trills. *Interspeech 2015*. Dresden, Germany. September 6-10.
- Howson, P.** (2015). An acoustic examination of the three-way sibilant contrast in Lower Sorbian. *Interspeech 2015*. Dresden, Germany. September 6-10.
- Yamane, N., **Howson, P.**, & Wei, P. (2015). An ultrasound examination of taps in Japanese. *The 18th International Congress of Phonetic Sciences*. Glasgow, Scotland. August 10-14.
- Howson, P.** & Kochetov, A. (2015). An EMA examination of liquids in Czech. *The 18th International Congress of Phonetic Sciences*. Glasgow, Scotland. August 10-14.
- Howson, P.** (2014). Palatalization and uvulars: an acoustic examination of Upper Sorbian. *Palatalization Conference*. University of Tromsø/CASTL, Norway. December 4-5.
- Howson, P.** & Komova, E. (2014). The story of ř: and ultrasound examination. *22nd Czech-German Workshop on Speech Communication*. Prague, Czech Republic. September 25-27.
- Howson, P.** & Monahan, P. J. (2014). An acoustic analysis of Czech alveolar and post-alveolar fricatives. *22nd Czech-German Workshop on Speech Communication*. Prague, Czech Republic. September 25-27.
- Howson, P.** & Komova, E. (2014). Palatalization and sound change: an ultrasound examination of trills in Russian and Czech. *Phonetic Building Blocks of Speech, in Honor of Professor John Esling*. Victoria, Canada. September 18-20.
- Howson, P.** & Kochetov, A. (2014). An EMA investigation of Czech post-alveolar and palatal consonants. *The 14th Laboratory Phonology Conference*. Tokyo, Japan. July 25-28.
- Howson, P.** & Kochetov, A. (2014). An EMA investigation of the Czech alveolar and post-alveolar fricatives. *The 10th International Seminar on Speech Production*. Cologne, Germany. May 5-8.

INVITED TALKS

- Howson, P. J.** (2022). Coarticulation and Acquisition of Difficult Segments. 182nd Meeting of the Acoustical Society of America. Denver, U. S. A. May 23-27.
- Howson, P. J.** & Madathodiyil, I. (2021). An Acoustic-Perceptual Basis for the Liquids as a Class. University of Victoria. Victoria, Canada. March 11.
- Jaker, A. & **Howson, P. J.** (2021). An Acoustic Study of Tetsôt'iné Stress. University of Toronto. Toronto, Canada. March, 5.
- Howson, P. J.** (2020). Représentation articulatoire des liquides et interface phonétique-phonologie: une étude articulatoire du portugais brésilien et de l'anglais. University of Ottawa. Ottawa, Canada. January 22.
- Howson, P. J.** (2019). Speech Representation and Phonology. Newcastle University. Newcastle, U. K. September 22.
- Howson, P. J.** (2018). A Phonetic Basis for Contrast in Phonology. University of Oregon. Eugene, Oregon. October 19.
- Howson, P.** (2016). An ultrasound examination of liquids in Upper Sorbian: a preliminary study. University of Leipzig. Leipzig, Germany. April 19.

NON-PEER REVIEWED

- Howson, P. J.** & Byrd, S. (2021). L2 acquisition of coronal fricatives in Hul'q'umi'num. *Acoustic Week in Canada 2021*. October 5-7. Online.
- Howson, P. J.** & Redford, M. A. (2019). The late acquisition of coarticulatory patterns associated with English liquid articulation. *178th Meeting of the Acoustical Society of America*. San Diego, California. December 2-6.
- Howson, P. J.** & Irfana, M. (2019). What does cross-linguistic perception tell us about the phonetics-phonology interface?. *178th Meeting of the Acoustical Society of America*. San Diego, California. December 2-6.
- Howson, P. J.**, Schertz, J. & Irfana, M. (2018). The role of F2 and F3 in the perception of liquids for Hindi and Mandarin listeners. *176th Meeting of the Acoustical Society of America*. Victoria, British Columbia. November 5-9.
- Howson, P. J.** & Žygis, M. (2018). *l*-vocalization as gestural lenition: evidence from Brazilian Portuguese. *QODAS 2018*. April 24. Toronto, Canada.
- Howson, P.** & Monahan P. J. (2018). Rhotic typologies as a product of class perception. *MOT 2018 Phonology Workshop*. Hamilton, Canada. March 24-25.
- Howson, P.** (2017). A cross-linguistic examination of *l*-vocalization. *MOT 2017 Phonology Workshop*. Montreal, Canada. March 24-26.
- Howson, P.** (2015). The acoustic profile of a natural class: the rhotics. *CRC Summer Phonetics/Phonology Workshop*. Toronto, Canada. June 8.
- Howson, P.** (2015). An acoustic examination of Upper Sorbian: a reexamination of the feature specification for uvulars. *MOLT*. Toronto, Canada. March 13-15.
- Howson, P.** (2014). An electroglottography examination of fricative and sonorous segments. *168th Meeting of the Acoustical Society of America*. Indianapolis, USA. October 27-31.
- Komova, E. & **Howson, P.** (2014). An airflow examination of Czech trills. *168th Meeting of the Acoustical Society of America*. Indianapolis, USA. October 27-31.

- Howson, P.** & Kochetov, A. (2013). Electropalatography examination of groove width in Russian. *166th Meeting of the Acoustical Society of America*. San Francisco, USA. December 5.
- Howson, P.** (2013). An EMA investigation of the Czech trill-fricative: source and filter. *CRC Workshop*. The University of Toronto, Canada. August 15.
- Howson, P.**, Neufeld, C. & Kochetov, A. (2013). Electromagnetic articulometer investigation of the Czech trill-fricative. *The 21st International Congress on Acoustics*. Montreal, Canada. June 2-7.
- Howson, P.** (2012). Czech Trills Revisited: an Ultrasound, EGG and Acoustic Study. *LGCU Welcome Workshop*. The University of Toronto, Canada. October 2.
- Howson, P.**, Komova, E., & Gick, B. (2011). EGG and Acoustic Study of Czech Phoneme /ř/. *Meeting of the Canadian Acoustic Association*. Quebec City, Canada. October 12-14.
- Howson, P.**, Komova, E., & Gick, B. (2011). Ultrasound Analysis of the Czech Phoneme /ř/. *Meeting of the Acoustical Society of America*. Seattle, USA. May 23-27.

MEDIA APPEARANCES

- Howson, P.** (2014). MDR1 Radijo Sakska, 100.4 FM. *Serbski Rozhlós* (Sorbian Radio Station). Bautzen, Germany. May 30.

TEACHING

AT THE UNIVERSITY OF OREGON

INSTRUCTOR

Linguistics 301: Introduction to Linguistic Analysis (Winter 2020)

AT THE UNIVERSITY OF TORONTO

INSTRUCTOR

Linguistics 200: Introduction to Language (Summer 2016, Fall 2016, Summer 2017)

Linguistics 204: English Grammar (Winter 2018)

TEACHING ASSISTANT

Linguistics A01: Introduction to Linguistics (Fall 2015, 2016, 2017)

Linguistics A02: Applications of Linguistics (Winter 2017)

Linguistics B09: Study of Speech Sounds (Fall 2014)

Linguistics 100: Introduction to General Linguistics (Winter 2013, 2014)

Linguistics 200: Introduction to Language (Fall 2013)

Linguistics 203: English Words (Fall 2014, Summer 2015)

Linguistics 204: English Grammar (Summer 2013, 2014)

Linguistics 256: Sociolinguistics (Winter 2018)

PROFESSIONAL

2011-2012 ESL Teacher with V-English (ALC Press, Inc.)

COMPUTER & EQUIPMENT SKILLS

Praat, Javascript, R, DMDX

Intermediate.

MATLAB, Python, HTML5, & CSS

Beginner.

<i>Ultrasound & Acoustics</i>	Advanced experimental design, usage, and analysis.
<i>Electromagnetic Articulography (EMA), Electropalatography (EPG), & Airflow Meter</i>	Intermediate experimental design, usage, and analysis.

SERVICES

PROFESSIONAL

2021	<i>Reviewer:</i> Journal of the International Phonetic Association (x3), Journal of Child Language (x2), Journal of Phonetics
2020	<i>Reviewer:</i> Journal of Child Language, Journal of the Acoustical Society of America (x4), Linguistic Vanguard, Journal of Phonetics, Glossa (x2)
2019	<i>Volunteer:</i> NWA48: <i>Volunteer</i> <i>Reviewer:</i> The 19 th International Congress of Phonetic Sciences
2016	<i>Reviewer:</i> Speech Communication
2015	<i>Reviewer:</i> Lingua

DEPARTMENTAL

AT THE UNIVERSITY OF OREGON

2020	<i>Volunteer:</i> Living Lab Open House
2019	<i>Volunteer:</i> Speech-Language Laboratories Open House

AT THE UNIVERSITY OF TORONTO

2018	<i>Volunteer:</i> Workshop on the Syntax of Polynesian Languages
2017-2018	SSHRC Institute Grant Committee <i>Editorial Board:</i> Toronto Working Papers in Linguistics
2016-2017	CUPE Steward <i>Editorial Board:</i> Toronto Working Papers in Linguistics
2015	<i>Organizing Committee:</i> Welcome Workshop
2014-2015	CUPE Steward
2013-2014	CUPE Steward