

# Vincent Porretta

## CITIZENSHIP AND RESIDENCE

Citizenship: USA, Italian (EU)

Permanent residence: Canada

## EDUCATION

2015 **PhD** Linguistics, University of Alberta

Dissertation Title: Perception and lexical processing of gradient foreign accentedness [URL](#)

2007 **MEd** Foreign and Second Language Education, The Ohio State University

2006 **MA** Italian, The Ohio State University

2004 **BA** Italian, The Ohio State University

### *Studies abroad and Summer programs*

2014 Spring Training in Experimental Psycholinguistics (STEP@CCP), University of Alberta, 4–8 May

2013 Visiting Student, Department of Linguistics, University of Utah, 10–16 November

2009 Linguistic Society of America Institute, University of California, Berkeley, July–August

2008 Summer School in Linguistics, University of Utrecht, August

2005 Summer study abroad program, Salamanca, Spain, June–July

2004 Semester study abroad program, Rome, Italy, January–May

## EMPLOYMENT

### *Academic*

2017–present	Postdoctoral fellow at the University of Windsor, Department of Psychology
2015–2017	Postdoctoral fellow at the University of Alberta, Department of Linguistics
2016	Sessional Instructor at the University of Alberta, Department of Linguistics
2010–2015	Teaching and Research Assistant at the University of Alberta, Department of Linguistics
2014	Sessional Instructor at the University of Alberta, Department of Linguistics, July–August
2007–2010	Foreign language teacher at Bishop Hartley High School
2006	Research assistant (Italian Linguistics) at The Ohio State University, Department of French and Italian, June–September
2004–2006	Graduate Teaching Associate at The Ohio State University, Department of French and Italian

*Other work experience*

- |      |   |
|------|---|
| 2013 | Administrative assistant, 12th International Cognitive Linguistics Conference (ICLC-12), May–June<br>Editorial Associate for Linguistics Abstracts Online, May–August |
| 2012 | Editorial Associate for Linguistics Abstracts Online, May–August  |

## PUBLICATIONS

*Submitted*

- Davies, C., **Porretta, V.**, Koleva, K., & Klepousniotou, E. (submitted). Speaker-specific cues influence semantic disambiguation.
- Porretta, V.** & Kyröläinen, A.-J. (submitted). Influencing the time and space of lexical competition: The effect of gradient foreign accentedness.

*Refereed*

- Veivo, O., **Porretta, V.**, Järvikivi, J., & Hyönä, J. (in press). Spoken L2 words activate L1 orthographic information in late L2 learners. *Applied Psycholinguistics*.
- Porretta, V.**, Kyröläinen, A.-J., van Rij, J., & Järvikivi, J. (2018). Visual world paradigm data: From preprocessing to nonlinear time-course analysis. In I. Czarnowski, R. J. Howlett, & L. C. Jain (Eds.), *Intelligent decision technologies 2017: Proceedings of the 9th KES International Conference on Intelligent Decision Technologies (KES-IDT 2017) – Part II* (73, pp. 268–277). Smart Innovation, Systems and Technologies. Cham: Springer International Publishing. doi:[10.1007/978-3-319-59424-8\\_25](https://doi.org/10.1007/978-3-319-59424-8_25)
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (2017). The role of morphological verb constructions in processing Russian reflexive verbs. In M. Luodonpää-Manni, E. Penttilä, & J. Viimaranta (Eds.), *Empirical approaches to cognitive linguistics: Analysing real-life data* (Chap. 8, pp. 261–289). Cambridge Scholars Publishing.
- Porretta, V.**, Tremblay, A., & Bolger, P. (2017). Got experience? PMN amplitudes to foreign-accented speech modulated by listener experience. *Journal of Neurolinguistics*, 44, 54–67. doi:[10.1016/j.jneuroling.2017.03.002](https://doi.org/10.1016/j.jneuroling.2017.03.002)
- Leonard, C., Järvikivi, J., **Porretta, V.**, & Langevin, M. (2016). Processing of stuttered speech by fluent listeners. In *Speech prosody 2016* (pp. 1216–1220).
- Porretta, V.**, Tucker, B. V., & Järvikivi, J. (2016). The influence of gradient foreign accentedness and listener experience on word recognition. *Journal of Phonetics*, 58, 1–21. doi:[10.1016/j.wocn.2016.05.006](https://doi.org/10.1016/j.wocn.2016.05.006)
- Veivo, O., Järvikivi, J., **Porretta, V.**, & Hyönä, J. (2016). Orthographic activation in L2 spoken word recognition depends on proficiency: Evidence from eye-tracking. *Frontiers in Psychology*, 1–35. doi:[10.3389/fpsyg.2016.01120](https://doi.org/10.3389/fpsyg.2016.01120)
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (2015). The role of morpho-semantic information in processing Russian verbal aspect: Evidence from pupil dilation, fixation durations and reaction times. *Abstracts of the 18th European Conference on Eye Movements*, 169–169. (Abstract)
- Porretta, V.**, Kyröläinen, A.-J., & Tucker, B. V. (2015). Perceived foreign accentedness: Acoustic distances and lexical properties. *Attention, Perception, & Psychophysics*, 77(7), 2438–2451. doi:[10.3758/s13414-015-0916-3](https://doi.org/10.3758/s13414-015-0916-3)

- Porretta, V.** & Tucker, B. V. (2015a). Intelligibility of foreign-accented words: Acoustic distances and gradient foreign accentedness. In *Proceedings of the 18th International Congress of Phonetic Sciences* (pp. 1–4). Glasgow: University of Glasgow. URL: <https://www.internationalphoneticassociation.org/icphs-proceedings/ICPhS2015/Papers/ICPHS0657.pdf>
- Porretta, V.** & Tucker, B. V. (2015b). Perception of non-native consonant length contrast: The role of attention in phonetic processing. *Second Language Research*, 31(2), 239–265. doi:10.1177/0267658314559573

### *Non-refereed*

- Porretta, V.** & Tucker, B. V. (2013). Perception of non-native consonant length in naïve English listeners. In *Ica 2013 montreal* (Vol. 19, 1, p. 060274). ASA. doi:10.1121/1.4800677
- Porretta, V.** & Tucker, B. V. (2012). Predicting accentedness: Acoustic measurements of Chinese-accented English. *Canadian Acoustics*, 40(3), 34–35. URL: <http://jcaa.caa-aca.ca/index.php/jcaa/article/view/2526>

### *In preparation*

- Cooper-Cunningham, R., **Porretta, V.**, Järvikivi, J., & Charest, M. (in preparation). Cartoons and comprehension: The effect of visual context on children's sentence processing.
- Järvikivi, J., Paradis, J., **Porretta, V.**, Day, K., & Govindarajan, K. (in preparation). Reference and focus in French-English bilingual children and adults: A visual world eye-tracking study.
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (in preparation). The role of morpho-semantic information in processing Russian verbal aspect: Evidence from pupil dilation, fixation durations and reaction times.
- Porretta, V.** & Järvikivi, J. (in preparation). Individual differences in lexical processing.
- Porretta, V.** & Tucker, B. V. (in preparation). Foreign-accented speech and cognitive processing load.
- Tucker, B. V., **Porretta, V.**, & Mukai, Y. (in preparation). Reduced speech and cognitive processing load.

## PRESENTATIONS

### *Conference Presentations*

- Davies, C., **Porretta, V.**, Koleva, K., & Klepousniotou, E. (2017). Do speaker-specific cues influence ambiguous word interpretation? September 7–9, 2017. Architectures and Mechanisms for Language Processing (AMLaP) 23. Lancaster, UK. (Poster)
- Järvikivi, J., **Porretta, V.**, Paradis, J., Govindarajan, K., & Day, K. (2017). Language knowledge predicts 3–6 year-old mono- and bilingual children's pronoun processing, July 17–21, 2017. 14th International Congress for the Study of Child Language. Lyon, France. (Poster)
- Porretta, V.** & Kyröläinen, A.-J. (2017). Expanding competition space: The influence of foreign accentedness on lexical competition, September 7–9, 2017. Architectures and Mechanisms for Language Processing (AMLaP) 23. Lancaster, UK. (Poster)
- Porretta, V.**, Kyröläinen, A.-J., van Rij, J., & Järvikivi, J. (2017). Visual world paradigm data: From preprocessing to nonlinear time-course analysis, June 21–23, 2017. The 9th KES International Conference on Intelligent Decision Technologies (KES-IDT 2017) – Eye Movement Data Processing and Analysis. Vilamoura, Portugal.

- Porretta, V.** & Tucker, B. V. (2017). What big eyes you have: Pupillary response to intelligibility of foreign-accented speech, September 7–9, 2017. Architectures and Mechanisms for Language Processing (AMLaP) 23. Lancaster, UK. (Poster)
- Sysak, H., Järvikivi, J., & **Porretta, V.** (2017). Effects of disfluencies on speech processing, October 28, 2017. Alberta Conference of Linguistics. Edmonton, AB, Canada.
- Leonard, C. M., Järvikivi, J., **Porretta, V.**, & Langevin, M. (2016). Processing of stuttered speech by fluent listeners, May 31–June 3, 2016. Speech Prosody 8. Boston, MA. (Poster)
- Porretta, V.**, Mukai, Y., & Tucker, B. V. (2016). What big eyes you have: Pupillary response to reduced speech, October 19–21, 2016. The Tenth International Conference on the Mental Lexicon. Ottawa, ON.
- Verstegen, S., **Porretta, V.**, Chen, A., & Järvikivi, J. (2016). Assessment of intonation status in British and Canadian English by Canadian listeners, September 1–3, 2016. Tone and Intonation in Europe. Canterbury, UK (University of Kent). (Poster)
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (2015a). Pupillometry as a window to real time processing of grammatical aspect in Russian, June 18–20, 2015. The 9th International Morphological Processing Conference. Potsdam, Germany.
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (2015b). Pupillometry as a window to real time processing of morphologically complex verbs, September 28–29, 2015. New Developments in the Quantitative Study of Languages, Symposium of the Linguistics Association of Finland (SKY). Helsinki, Finland.
- Kyröläinen, A.-J., **Porretta, V.**, & Järvikivi, J. (2015c). The role of morpho-semantic information in processing Russian verbal aspect: Evidence from pupil dilation, fixation durations and reaction times, August 16–21, 2015. XVIII. European Conference on Eye Movements. Vienna, Austria. (Poster)
- Porretta, V.**, Kyröläinen, A.-J., van Rij, J., & Järvikivi, J. (2015). A step forward in the analysis of visual world eye-tracking data, September 28–29, 2015. New Developments in the Quantitative Study of Languages, Symposium of the Linguistics Association of Finland (SKY). Helsinki, Finland.
- Porretta, V.** & Tucker, B. V. (2015). Intelligibility of foreign-accented words: Acoustic distances and gradient foreign accentedness, September 10–14, 2015. 18th International Congress of Phonetic Sciences. Glasgow, UK. (Poster)
- Porretta, V.**, Järvikivi, J., & Tucker, B. V. (2014). The effect of gradient foreign accentedness and listener experience on lexical activation strength and access, September 3–6, 2014. Architectures and Mechanisms for Language Processing (AMLaP) 20. Edinburgh, UK. (Poster)
- Porretta, V.**, Tucker, B. V., & Järvikivi, J. (2014). The influence of gradient foreign accentedness on lexical activation and retrieval, September 30–October 2, 2014. The Ninth International Conference on the Mental Lexicon. Niagara-on-the-Lake, ON. (Poster)
- Porretta, V.**, Kyröläinen, A.-J., & Tucker, B. V. (2013). Influences on perceived foreign accentedness: Acoustic distances and lexical neighborhoods, June 23–28, 2013. International Cognitive Linguistics Conference (ICLC) 12. Edmonton, AB.
- Porretta, V.**, Tremblay, A., & Bolger, P. (2013). Auditory prelexical processing of foreign-accented speech, July 14, 2013. Linguistic Society of America Workshop: How the brain accommodates variability in linguistic representations. Ann Arbor, MI. (Poster)
- Porretta, V.** & Tucker, B. V. (2013). Perception of non-native consonant length in naïve English listeners, June 2–7, 2013. International Congress on Acoustics. Montreal, QC. (Poster)
- Porretta, V.** & Tucker, B. V. (2012a). Perception of non-native contrast: Consonant length and L1 English listeners, July 6, 2012. Second Language Acquisition of Phonology. York, UK.

- Porretta, V.** & Tucker, B. V. (2012b). Predicting accentedness: Acoustic measurements of Chinese-accented English, October 10–12, 2012. Annual Conference of the Canadian Acoustical Association. Banff, AB.
- Porretta, V.** (2011). English comparatives and superlatives: Emergence of the double-marked, October 22, 2011. Alberta Conference on Linguistics. Edmonton, AB.
- Kentner, M., Link, C. L., Vásquez, J., & **Porretta, V.** (2007). Renew, Re-energize, Refresh=Re-educate workshop, March 22–24, 2007. Ohio Foreign Language Association (OFLA) Conference. Cleveland, OH.

### *Invited Presentations*

- Porretta, V.** (2018). Variability in spoken language: Foreign-accented speech and its influence on the dynamics of processing, March 2, 2018. PsychoShorts 2018. Ottawa, Ontario, Canada.
- Porretta, V.** (2017a). Nonlinear time-course analysis of visual world paradigm eye-tracking data using gamm, April 7, 2017. University of Konstanz, Department of Linguistics. Konstanz, Germany.
- Porretta, V.** (2017b). Processing of foreign-accented speech: From the perfectly ordinary to the incomprehensible—and everything in between, March 3, 2017. University of Alberta, Department of Linguistics. Edmonton, AB, Canada.
- Porretta, V.** (2013). Gradient foreign accent: Ratings and event-related potentials, November 15, 2013. University of Utah, Department of Linguistics.

### *Software Packages*

- Porretta, V.,** Kyröläinen, A.-J., van Rij, J., & Järvikivi, J. (2017). VWPre: Tools for preprocessing visual world data. R package version 1.0.1. URL: <https://CRAN.R-project.org/package=VWPre>

## ONGOING PROJECTS/COLLABORATIONS

Linguistic prediction from foreign-accented speech (with J. Järvikivi and L. Buchanan)

Phonological and semantic effects in Visual World Paradigm eye-tracking (with J. Järvikivi, J. van Rij, and A.-J. Kyröläinen)

Predictive processing in aphasia (with L. Buchanan)

Linguistic prediction from aphasic speech (with L. Buchanan)

Complexity in the visual world (with J. Järvikivi and L. Fortune)

Processing of Stuttered Speech (with C. Leonard, H. Sysak, and J. Järvikivi)

Processing of intonation and information status in British English by Chinese L2 and Canadian L1 speakers (with I. Mok, S. Verstegen, J. Järvikivi, A. Arnhold, and A. Chen)

## GRANTS AND SCHOLARSHIPS

2014	Profiling Alberta's Graduate Student Award, The University of Alberta
2013	Graduate Students Association Professional Development Grant, The University of Alberta

2012	Graduate Students Association Professional Development Grant, The University of Alberta
2010	Provost Doctoral Entrance Award, The University of Alberta
2004	Graduate Teaching Associateship, The Ohio State University
2000	Undergraduate University Scholarship, The Ohio State University

## AWARDS AND HONORS

2013	Faculty of Arts Graduate Student Teaching Award, The University of Alberta Best Student Paper Award, LSA 2013 Workshop: How the brain accommodates variability in linguistic representations
------	---

## TEACHING EXPERIENCE

### *Invited courses/workshops*

2018	<i>Linear Mixed-Effects Modeling</i> , PsychoShorts 2018, University of Ottawa (March 2)
2017	<i>Advanced Statistical Workshop: Generalized Additive Mixed Models</i> (co-instructed with Aki-Juhani Kyröläinen), Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2017) <i>Introduction to R</i> , Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2017) <i>Linear Mixed-Effects Modeling and Data Visualization</i> (co-instructed with Aki-Juhani Kyröläinen), Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2017) <i>Exploring Visual World Eye-Tracking and Pupillometry</i> (co-instructed with Juhani Järvikivi), Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2017) <i>Generalized Additive Mixed Modeling of Visual World Paradigm eye-tracking data</i> , University of Konstanz, Department of Linguistics (April 5–7) <i>An Introduction to Generalized Additive Mixed Modeling for (Psycho)linguistic Data</i> , University of Freiburg, Department of Linguistics (April 3)
2016	<i>Eye-tracking experiments using Eyelink/Experiment Builder</i> , University of Windsor, Department of Psychology (October 24–28) <i>Linear Mixed-Effects Regression for Psycholinguistic Data</i> , University of Windsor, Department of Psychology (October 24–28) <i>Visual World Paradigm Experiment Design using Experiment Builder</i> , University of Alberta, Centre for Comparative Psycholinguistics (Fall semester) <i>An Introduction to R and Psycholinguistic Data Analysis</i> , Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2016)

	<i>Exploring the Visual World Eye-Tracking Paradigm</i> (co-instructed with Juhani Järvikivi and Jacolien van Rij), Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2016)
2015	<i>A Short Overview and Introduction to Statistics and R</i> (co-instructed with Antti Arppe), Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP 2015)
	<i>Visual World Paradigm Experiment Design using Experiment Builder</i> , University of Alberta, Centre for Comparative Psycholinguistics (Fall semester)
2014	<i>Pre-processing, Visualization, and GAMM Analysis of Visual World Paradigm Data</i> , University of Alberta, Centre for Comparative Psycholinguistics (Fall semester)

### University of Alberta

2017	<i>Directed Research</i> (co-instructed with Juhani Järvikivi), Department of Linguistics (Winter semester)
2016	<i>Directed Research</i> (co-instructed with Juhani Järvikivi), Department of Linguistics (Fall semester)
	<i>Introduction to Linguistic Analysis</i> , Department of Linguistics (Summer semester)
	<i>Introduction to Psycholinguistic Data Analysis</i> , Department of Linguistics (Winter semester)
	<i>Introduction to Linguistic Analysis Exam Tutorials</i> , Department of Linguistics (Winter semester)
	<i>Directed Research</i> (co-instructed with Juhani Järvikivi), Department of Linguistics (Winter semester)
2015	<i>Directed Research</i> (co-instructed with Juhani Järvikivi), Department of Linguistics (Fall semester)
	<i>Introduction to Linguistic Analysis Exam Tutorials</i> , Department of Linguistics (Fall semester)
	<i>Graduate Psycholinguistics Seminar</i> (co-instructed with Juhani Järvikivi), Department of Linguistics (Winter semester)
2014	<i>Introduction to English Syntax</i> , Department of Linguistics (Summer semester)
2010–2013	Teaching Assistant for <i>Introduction to Linguistic Analysis</i> , <i>Introduction to English Syntax</i> , <i>Child Language Acquisition</i> , Department of Linguistics
2012	<i>Introduction to English Syntax</i> , Department of Linguistics (Fall semester)
2010	<i>Introduction to Linguistic Analysis Exam Tutorials</i> , Department of Linguistics (Fall semester)

### Bishop Hartley High School

2007–2010	<i>Spanish/Italian (various levels)</i> , Bishop Hartley High School
-----------	--

### The Ohio State University

2004–2006	Introductory Italian Language Sequence (various levels), Department of French and Italian
-----------	---

## RESEARCH EXPERIENCE

### *Methods*

Behavioral, Eye-tracking, Pupillometry, EEG/ERP

### *Software and Programming Languages*

R for Statistical Computing, SR Research Experiment Builder/Data Viewer, Praat, L<sup>A</sup>T<sub>E</sub>X, Markdown, E-Prime, Microsoft Office

## SERVICE

### *Administrative*

2014–2017	Planning committee member, Spring Training in Experimental Psycholinguistics at the Centre for Comparative Psycholinguistics (STEP@CCP)
2012–2013	Planning committee member, 12th International Cognitive Linguistics Conference (ICLC-12)

### *Academic*

Ad hoc journal reviewer for: *Acta Psychologica*, *International Journal of American Linguistics*, *Journal of the Acoustical Society of America*, *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *Language*, *Language and Speech*

Ad hoc conference reviewer for: *CogSci Conference of the Cognitive Science Society*, *The International Conference on the Mental Lexicon*

## LABORATORY AFFILIATIONS

The Cognitive Neuroscience Lab, University of Windsor  
 Centre for Comparative Psycholinguistics, University of Alberta  
 Alberta Phonetics Lab, University of Alberta

## LICENSURES AND CERTIFICATIONS

State of Ohio five-year professional teaching license, K-12 Italian and Spanish (Expiry: 2019)

## MEDIA COVERAGE

The Psychonomic Society Blog, *Turning Dr. Strangelove into George W. Bush: Determinants of accent-  
 edness* [URL](#)



## LANGUAGES

English (native), Italian (advanced), Spanish (high intermediate), Portuguese (low intermediate), Finnish (novice)

Updated: March 4, 2018