

Jason W. Gullifer

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Department of Psychology
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cognitive psychology – cognitive neuroscience – bilingualism – psycholinguistics
cognitive modeling – statistics & machine learning – fMRI – behavioral methods – eyetracking

Employment

Postdoctoral Researcher (2018 – present)

Department of Psychology; McGill University
Supervisor: Debra Titone

NIH Ruth L. Kirschstein NRSA Postdoctoral Fellow (2015 – 2018)

Department of Psychology; McGill University
Supervisors: Debra Titone & Denise Klein

Research Technologist (2007 – 2009)

Department of Psychology; Center for Language Science; The Pennsylvania State University
Supervisors: Judith Kroll & Paola Dussias

Education

Ph.D., Psychology and Language Science (2011 – 2015)

Psychology Department; Center for Language Science; The Pennsylvania State University
Dissertation: *Using syntactic priming to identify cross-language constraints in bilingual language processing*
Advisors: Judith Kroll & Paola Dussias

M.S., Psychology (2009 – 2011)

Psychology Department; Center for Language Science; The Pennsylvania State University
Thesis: *The effect of syntactic constraints on parallel activation of words in the bilingual's languages*
Advisors: Judith Kroll & Paola Dussias

B.A., Linguistics and Psychology (2003 – 2007)

Department of Linguistics; University of Massachusetts, Amherst
Thesis: *Processing Reverse Sluicing*
Advisors: Charles Clifton & Lyn Frazier

Funding and Awards

Social Sciences and Humanities Research Council Insight Development Grant, 430-2019-00935, (PI: **Jason Gullifer**; Co-PIs: Jessica Flake, Laura Sabourin, Debra Titone): *Validating Language Entropy - A Novel Quantification of Social Language Experience Among Multilinguals*, 2019-2021 (\$70,224).

Social Sciences and Humanities Research Council Insight Grant, 435-2019-1264, (PI: Debra Titone; Co-PIs: Laura Sabourin, **Jason Gullifer**, Juhani Järviö): *Eye tracking investigations of what adult bilinguals "notice" in the linguistic landscape*, 2019-2023 (\$95,697).

Social Sciences and Humanities Research Council Insight Development Grant, 430-2016-01037 (PI: **Jason Gullifer**; Co-PI: Debra Titone): *Uncovering the Predictive Power of Multilingual Social Networks: Longitudinal Impacts on Language Ability and Educational Outcomes*, 2016-2018 (\$65,752).

National Institutes of Health Ruth L. Kirschstein National Research Service Award (NRSA), 1F32HD082983-01A1 (PI: **Jason Gullifer**; Co-PIs: Debra Titone and Denise Klein): *Determining the Neurocognitive Consequences of a Natural Switch in Language Immersion Context: Evidence from the Uniquely Bilingual City of Montreal*, 2015-2018 (\$158,805).

Bilingualism: Language and Cognition International Symposium on Bilingualism 10 Poster Prize: *Using syntactic priming to identify cross-language constraints in bilingual language processing*, 2015 (Second Place).

National Science Foundation Doctoral Dissertation Research Grant, BCS- 1251896 (PI: Judith F. Kroll, Co-PIs: **Jason Gullifer**, Paola Dussias): *Using syntactic priming to identify cross-language constraints in bilingual language processing*, 2013-2014 (\$17,513).

Penn State University Liberal Arts College Dissertation Support Grant (RGSO): *Using syntactic priming to identify cross-language constraints in bilingual language processing*, 2013 (\$5,000).

Penn State University Center for Language Science PIRE Fellowship: *The effect of immersion on cross-language activation during visual word recognition*, 2011 (Travel Award).

National Science Foundation Graduate Research Fellowship Program (GRFP): *The effect of syntactic constraints on parallel activation of words in the bilingual's languages*, 2011 (Honorable Mention).

Publications

Gullifer, J. W. & Titone (submitted). Bilingualism: A neurocognitive exercise in managing uncertainty.

Gullifer, J., Koussaie, S., Gilbert, A., Grant, A., Giroud, N., Coulter, K., Klein, D., Baum, S., Phillips, N., & Titone, D. (in press). Bilingual language experience as a multidimensional spectrum: Associations with objective and subjective language proficiency. *Applied Psycholinguistics*. First view. <https://doi.org/10.1017/S0142716420000521>

Gullifer, J. W., & Titone, D. (2020). Engaging proactive control: Influences of diverse language experiences using insights from machine learning. *Journal of Experimental Psychology: General*. Advance online publication. <https://doi.org/10.1037/xge0000933>

Titone, D., Mercier, J., Sudarshan, A., Pivneva, I., **Gullifer, J.**, & Baum, S. (2020). Spoken word processing in bilingual older adults: Assessing within- and cross-language competition using the visual world task. *Linguistic Approaches to Bilingualism*. Online first article. <https://doi.org/10.1075/lab.18028.tit>

Tiv, M., **Gullifer, J. W.**, Feng, R. Y., & Titone, D. (2020). Using network science to map what Montréal bilinguals talk about across languages and communicative contexts. *Journal of Neurolinguistics*, 56. <https://doi.org/10.1016/j.jneuroling.2020.100913>

Gullifer, J. W. & Titone, D. (2020). Characterizing the social diversity of bilingualism using language entropy. *Bilingualism: Language and Cognition*, 23(2), 283-294. doi:10.1017/S1366728919000026

Gullifer, J. W. & Titone, D. (2019). The impact of a momentary language switch on bilingual reading: Intense at the switch but merciful downstream for L2 but not L1 readers. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. doi: 10.1037/xlm0000695

- Gullifer, J. W.**, Chai, X. J., Whitford, V., Pivneva, I., Baum, S., Klein, D., & Titone, D. (2018). Bilingual experience and resting-state brain connectivity: Impacts of L2 age of acquisition and social diversity of language use on control networks. *Neuropsychologia*, 117, 123-134.
doi: 10.1016/j.neuropsychologia.2018.04.037
- Vingron, N., **Gullifer, J. W.**, Hamill, J., Leimgruber, J., & Titone, D. (2017). Using eye tracking to investigate what bilinguals notice about linguistic landscape images. *Linguistic Landscape*, 3, 226-245. doi: 10.1075/ll.17014.vin
- Titone, D., **Gullifer, J.**, Subramaniapillai, S., Rajah, N., & Baum, S. (2017). History-inspired reflections on the bilingual advantages hypothesis. In Bialystok, E. & Sullivan, M. D. (Eds.), *Growing Old with Two Languages: Effects of Bilingualism on Cognitive Aging* (pp. 265-295). Amsterdam: John Benjamins Publishing.
- Dussias, P., **Gullifer, J.**, & Poepsel, T. J. (2016). How psycholinguistics can inform contact linguistics: converging evidence against a decreolization view of Palenquero. In Schwegler, A., & McWhorter, J., Ströbel, L. (Eds.), *The Iberian Challenge: Creole Languages Beyond the Plantation Setting* (pp. 181-204). Madrid/Frankfurt: Iberoamericana/Vervuert Verlag.
- Kroll, J.F., **Gullifer, J.**, & Zirnstein, M. (2016). Literacy in adulthood: Reading in two languages. In Nicoladis, E., & Montanari, S. (Eds.), *Lifespan Perspectives on Bilingualism* (pp. 225-245). Washington, DC: American Psychological Association. doi: 10.1037/14939-013.
- Kroll, J. F., **Gullifer, J. W.**, McClain, R., Rossi, E., & Martín, M.C. (2015). Selection and control in bilingual comprehension and production. In J. Schwieter, (Ed.), *Cambridge Handbook of Bilingualism* (pp. 485-507). Cambridge: Cambridge University Press. doi:10.1017/CBO9781107447257.021
- Kroll, J. F., **Gullifer, J. W.**, & Rossi, E. (2013). The multilingual lexicon: The cognitive and neural basis of lexical comprehension and production in two or more languages. In C. Polio (Ed.), *Annual Review of Applied Linguistics* (Vol. 33, pp. 102–127). Cambridge: Cambridge University Press. doi:10.1017/S0267190513000111
- Gullifer, J. W.**, Kroll, J. F., & Dussias, P. E. (2013). When language switching has no apparent cost: Lexical access in sentence context. *Frontiers in Psychology*, 4, 1–13. doi:10.3389/fpsyg.2013.00278

Software packages

- Gullifer, J. W.**, & Titone, D. (2018). Compute language entropy with {languageEntropy}. Retrieved from <https://github.com/jasongullifer/languageEntropy>. doi:10.5281/zenodo.1403272
- Gullifer, J. W.** (2009). Compute measures of word similarity. Retrieved from <https://github.com/jasongullifer/wordSimilarity>.

Organized Sessions and Symposia

- Titone, D.**, Gullifer, J., Itzhak, I., Macdougall, H., Phillips, N. (2019). Language Science: The Next Generation. Pre-meeting organized before the 2019 Annual Meeting of the Psychonomic Society.
- Gullifer, J. W.**, & Titone, D. (2019). Impacts of language diversity on language abilities, executive control, and brain plasticity in bilingual and monolingual adults. Session proposed for the 12th International Symposium on Bilingualism (ISB12). Edmonton, Alberta.

Gullifer, J. W., & Titone, D. (2017). Scaling up: Psycholinguistic investigations of real-world bilingualism. Session organized at the 11th International Symposium on Bilingualism (ISB11). Limerick, Ireland.

Conference Presentations

Mokha, A. K., Palma P., **Gullifer, J.**, Imbault, K., Kuperman, W., & Titone, D. (2020). Does grain size of L1 orthography relate to self-rated L2 reading and writing ability? Poster presented at the 2020 Words in the World International Conference (WoW). [Held Online]

Senaldi, M. S. G., Wei, J., **Gullifer, J.**, & Titone, D. (2020). Scratching your tête over code switched idioms: Evidence from eye movement measures of reading. Poster presented at the 26th Architectures and Mechanisms for Language Processing Conference (AMLaP 2020). Potsdam, Brandenburg [Held Online]

Gullifer, J., Kousaie, S., Gilbert, A. C., Grant, A., Giroud, N., Coulter, K., Klein, D., Baum, S., Phillips, N., & Titone, D. (2020). Quantifying bilingual language experience as a complex and socially dynamic spectrum. Poster presented at the 26th Architectures and Mechanisms for Language Processing Conference (AMLaP 2020). Potsdam, Brandenburg [Held Online]

Gullifer, J. W., & Titone. (2019). Using machine learning to assess whether bilingual experience predicts second language outcomes and proactive executive control performance. Poster presented at the 60th Annual Meeting of the Psychonomic Society. Montreal, Quebec.

Gilbert, A. C., **Gullifer, J. W.**, Wolpert, M., & Saito, H., Kousaie, S., Itzhak, I., Gracco, V., Klein, D., Phillips, N., Titone, D., & Baum, S. (2019). Language dominance and entropy as predictors of word segmentation cue production in bilinguals. Paper presented at the 60th Annual Meeting of the Psychonomic Society. Montreal, Quebec.

Gilbert, A. C., & **Gullifer, J. W.** (2019). Language dominance and entropy as predictors of fundamental frequency modulations in bilingual production. Invited paper presented at “Language Science: The Next Generation”, a pre-meeting to the 60th Annual Meeting of the Psychonomic Society. Montreal, Quebec.

Gullifer, J. W., & Titone, D. (2019). Language entropy: A novel quantification of social language experience among bilinguals. Paper presented at the Capturing and Quantifying Individual Differences in Bilingualism Workshop. Tromsø, Troms.

Gullifer, J., Kousaie, S., Gilbert, A., Giroud, N., Grant, A., Coulter, K., Klein, D., Baum, S., Phillips, N., & Titone, D. (2019). Language entropy: A novel quantification of language experience among bilinguals. Poster presented at the 11th annual meeting of the Society for the Neurobiology of Language (SNL2019). Helsinki, Uusimaa.

Palma, P., **Gullifer, J.**, Vingron, N., Whitford, V., Friesen, D., Jared, D., & Titone, D. (2019). Congruency effects and individual differences in bilingual experience influence Simon Task performance. Poster presented at the 41st Annual Meeting of the Cognitive Science Society (CogSci 2019). Montreal, Quebec.

Tiv, M., **Gullifer, J.**, Otto, A. R., & Titone, D. (2019). Individual differences in second language age of acquisition and language entropy predict non-verbal reinforcement learning among bilingual adults. Poster presented at the 41st Annual Meeting of the Cognitive Science Society (CogSci 2019). Montreal, Quebec.

Vingron, N., **Gullifer, J.**, Titone, & D. (2019). Exploring the linguistic landscape: How individual differences among bilingual adults modulate eye movements when viewing multilingual artificial signs. Poster presented at the 41st Annual Meeting of the Cognitive Science Society (CogSci 2019). Montreal, Quebec.

- Titone, D., & **Gullifer, J. W.** (2019). Language entropy predicts language abilities and executive control: Evidence from the inhabitants of the diverse city of Montréal. Paper presented at the 12th International Symposium on Bilingualism (ISB12). Edmonton, Alberta.
- Tiv, M., **Gullifer, J.**, & Titone, D. (2019). Using network analysis to estimate bilingual L1 and L2 lexical interconnectedness. Poster presented at the 2019 International Sunbelt Social Network Conference. Montreal, Quebec.
- Gullifer, J. W.**, & Titone, D. (2018). Individual differences in language diversity predict second language abilities and organization of executive control networks. Paper presented at the 2018 Conference on Multilingualism (COM2018). Ghent, East Flanders.
- Gullifer, J. W.**, & Titone, D. (2018). Language Diversity Predicts Second Language Abilities. Poster presented at the 59th Annual Meeting of the Psychonomic Society. New Orleans, Louisiana.
- Titone, D., Vingron, N., Palma, P., **Gullifer, J.**, Whitford, V., Friesen, D., & Jared, D. (2018). Do Bilinguals Exhibit Cross-Language Syntactic Activation During Bilingual Reading? Paper presented at 59th Annual Meeting of the Psychonomic Society. New Orleans, Louisiana.
- Gullifer, J. W.**, Chai, X., Whitford, V., Pivneva, I., Baum, S., Klein, D., & Titone, D. (2018). The relationship between resting state networks and bilingual reading: A preliminary investigation. Poster presented at the Brenda Milner Centennial Symposium. Montreal, Quebec.
- Gullifer, J. W.**, Chai, X., Whitford, V., Pivneva, I., Baum, S., Klein, D., & Titone, D. (2018). The relationship between resting state networks and bilingual reading: A preliminary investigation. Poster presented at the 10th annual meeting of the Society for the Neurobiology of Language (SNL2018). Quebec City, Quebec.
- Tiv, M., **Gullifer, J.**, Otto, R., & Titone, D. (2018). The Impact of Second Language Age of Acquisition and Language Usage Entropy on Reinforcement Learning among Bilingual Adults in a Non-Verbal Decision Making Task. Poster presented at the 10th annual meeting of the Society for the Neurobiology of Language (SNL2018). Quebec City, Quebec.
- Gullifer, J. W.**, & Titone, D. (2018). *Capitalizing on variability in bilingual language experience: Language entropy predicts L2 abilities and brain organization*. Poster presented at the 2018 meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS). St. John's, Newfoundland.
- Gullifer, J.**, Chai, X., Whitford, V., Pivneva, I., Baum, S., Klein, D., & Titone, D. (2017). *Bilingual experience shapes language control networks: the role of L2 AoA and social context of language usage*. Poster presented at the 9th annual meeting of the Society for the Neurobiology of Language (SNL2017). Baltimore, Maryland.
- Titone, D., Tiv, M., Vingron, N., Chubala, C.M., Heard, A., Robin, J., **Gullifer, J.**, & Pexman, P. (2017). Introducing Women in Cognitive Science Canada (WiCS-Canada): An Extension of “Women in Cognitive Science (WiCS)” from the U.S. to the Canadian Context. Poster presented at the 11th annual meeting of the Gender Summit North America. Montreal, Quebec.
- Vingron, N., **Gullifer, J.**, Whitford, V., Friesen, D., Jared, D., & Titone, D. (2017). *Using Eye Movements to Investigate Cross-Language Syntactic Activation During Natural Reading*. Poster presented at the 19th European Conference on Eye Movements (ECM2017). Wuppertal, North Rhine-Westphalia.
- Gullifer, J.**, Chai, X., Pivneva, I., Whitford, V., Baum, S., Klein, D., & Titone, D. (2017). *Interactional context of bilingualism shapes language control networks*. Paper presented at the 11th International Symposium on Bilingualism (ISB11).

Limerick, Ireland.

- Vingron, N., Rouillard, V., **Gullifer, J.**, Leimgruber, J.R.E. & Titone, D. (2017). *What The Eyes Tell Us About How Bilinguals Visually Encode Linguistic Landscapes*. Paper presented at the 11th International Symposium on Bilingualism (ISB11). Limerick, Ireland.
- Vingron, N., **Gullifer, J.**, Whitford, V., Friesen, D., Jared, D., & Titone, D. (2017). *Cross-language syntactic activation during natural reading: Evidence from Adjective-Noun Constructions*. Paper presented at the 2017 Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS). Regina, Saskatchewan.
- Vingron, N., **Gullifer, J.**, Hamill, J., Leimgruber, J.R.E. & Titone, D. (2017). *Un regard sur le traitement des paysages linguistiques par les bilingues*. Poster presented at the 85e Congrès de l'Acfas. McGill University, Montréal, Canada.
- Aguila, K. A., **Gullifer, J.**, Vingron, N., Rouillard, V., Palenski, P., Li, K., Titone, D. (2017). *Bilingualism and Your Social Life: Is There A Relationship?* Poster presented at the Annual McGill Psychology Undergraduate Research Day.
- Gullifer, J.**, & Titone, D. (2016). *The impact of single-word code switching on bilingual sentence reading – Intense at the switch but merciful downstream*. Paper presented at 57th Annual Meeting of the Psychonomic Society. Boston, Massachusetts.
- Gullifer, J. W.**, Chai, X., Pivneva, I., Whitford, V., Baum, S., Klein, D., & Titone, D. (2016). *Context of bilingualism shapes intrinsic functional connectivity*. Paper presented at the 2016 Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS). Ottawa, Ontario.
- Vingron, N., Hamill, J., **Gullifer, J. W.**, Leimgruber, J., & Titone, D. (2016). *What the Eyes Tell Us About How Bilinguals Encode Real-World Linguistic Landscapes*. Poster presented at the 2016 Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS). Ottawa, Ontario.
- Gullifer, J. W.**, Berry, G. M., Navarro-Torres, C. A., Kroll, J., Dussias, P. E. (2016). *What about the syntax? Bilingual word recognition in sentence context*. Poster presented at the International Meeting of the Psychonomic Society. Granada, Spain.
- Gullifer, J.**, Kroll, J., Dussias, P., Navarro-Torres, C., Berry, G. (2015). *Using syntactic priming to identify cross-language constraints in bilingual language processing*. Poster presented at Multiple Perspectives on Bilingualism and the Brain. Montreal, Quebec.
- Gullifer, J.**, Kroll, J., Dussias, P., Navarro-Torres, C., Berry, G. (2015). *Using syntactic priming to identify cross-language constraints in bilingual language processing*. Poster presented at the 10th International Symposium on Bilingualism (ISB10). New Brunswick, New Jersey.
- Khan, K., **Gullifer, J.**, Kroll, J. (2013). *The relation between executive function skills and verbal fluency in monolinguals: Can we simulate the bilingual advantage?*. Poster presented at the 54th Annual Meeting of the Psychonomic Society. Toronto, Canada.
- Dussias, P., Poepsel, T., **Gullifer, J.** (2013). *Psycholinguistics in the Wild: Switching Costs in Spanish-Palenquero Word Switching*. Paper presented at the 2013 Münster Hispanistentag (Spanish in Contact with Other Languages). Münster, Germany.
- Gullifer, J.**, Dussias, P., Kroll, J. (2012). *Switching the Language of Sentence Context Produces No Apparent Costs to Lexical Access*. Poster presented at the 53rd Annual Meeting of the Psychonomic Society. Minneapolis, Minnesota.

- Gullifer, J. W.**, Dussias, P., Kroll, J. F. (2012). *When language switching has no apparent cost: Lexical access in mixed and blocked language context*. Paper presented at the 2012 Mental Lexicon Conference. Montreal, Canada.
- Gullifer, J. W.**, Dussias, P., Kroll, J. (2012). *Speaking words in sentences: When the language of production does not guide lexical access*. Poster presented at the 2012 International Workshop on Language Production. New York, New York.
- Gullifer, J.**, Kroll, J., Dussias, P. (2011). Can cross-language lexical activity be modulated by language-specific syntax? Paper presented at the 8th International Symposium on Bilingualism (ISB8). Oslo, Østlandet.
- Gullifer, J.**, Kroll, J., Dussias, P. (2010). *Does language-specific syntax modulate cross-language lexical processing?* Poster presented at the 51st Annual Meeting of the Psychonomic Society. St. Louis, Missouri.
- Rossi, E., **Gullifer, J.**, Dussias, P. E., Kroll, J. F. (2010). *Second language learners are not native speakers but they process some aspects of the syntax as if they were: Evidence from behavioral and ERP data*. Paper presented at the Donostia Workshop on Neurobilingualism. Donostia - San Sebastian, Spain.
- Gullifer, J.**, Kroll, J., Dussias, P. (2010). *Can bilinguals exploit language-specific syntax to modulate cross-language lexical activity?* Poster presented at the 16th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP 2010). York, England.
- Gullifer, J. W.**, Kroll, J. F., & Dussias, P. E.. (2010). *Bilingual sentence processing: The role of syntactic constraints in modulating cross-language lexical activity*. Poster presented at the 23rd Annual CUNY Conference on Human Sentence Processing. New York, New York.
- Valdés Kroff, J. R., Coffman, D., Dussias, P., Gerfen, C., **Gullifer, J.**, Guzzardo Tamargo, R. (2010). *Differential processing of grammatical gender in a sentential context: Eye-tracking evidence from Spanish monolinguals and Spanish-English bilinguals*. Poster presented at the 23rd Annual CUNY Conference on Human Sentence Processing. New York, New York.
- Valdés Kroff, J. R., Coffman, D., Dussias, P.E., Gerfen, C., **Gullifer, J.**, & Guzzardo Tamargo, R. (2009). *Comprehension reflects production: Investigating eye-movements in Spanish-English code-switches*. Paper presented at the 15th annual Architectures and Mechanisms for Language Processing (AMLaP 2009). Barcelona, Spain.
- Dussias, P. E., Gerfen, C., Valdés Kroff, J. R., **Gullifer, J.**, & Guzzardo Tamargo, R. E. (2009). *Asymmetrical use of gender information during the processing of unilingual and code-switched speech*. Paper presented at the 2009 European Society for Cognitive Psychologists. Krakow, Poland.
- Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & **Gullifer, J.** (2009). *Comprehension reflects production: Gender processing of code-switched utterances by Spanish-English bilinguals*. Paper presented at the 2009 Hispanic Linguistics Symposium. Rio Piedras, Puerto Rico.
- Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & **Gullifer, J.** (2009). *Processing costs in Spanish-English codeswitches: An eye-tracking study*. Paper presented at the 2009 Hispanic Linguistics Symposium. Rio Piedras, Puerto Rico.
- Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & **Gullifer, J.** (2009). *Processing spoken code-switches by Spanish-English bilinguals: A visual world study*. Paper presented at the 7th International Symposium on Bilingualism (ISB7). Utrecht, The Netherlands.
- Dussias, P.E., Botezatu, R., **Gullifer, J.**, Kroll, J., & Schwartz, A. (2009). *Do syntactic constraints in sentence context eliminate parallel activation of words in the bilingual's languages?* Paper presented at the 7th International Symposium on Bilingualism (ISB7). Utrecht, The Netherlands.
- Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & **Gullifer, J.** (2008). *Processing grammatical gender*

in Spanish-English code-switches: A visual world study. Paper presented at 2008 Second Language Research Forum (SLRF) Conference. Honolulu, Hawaii.

Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & Gullifer, J. (2008). *The use of grammatical gender in the processing of spoken code-switches by adult Spanish-English bilinguals*. Poster presented at the International Conference on Models of Interaction in Bilinguals. Bangor, Wales, UK.

Gullifer, J. (2008). *Processing Reverse Sluicing: A Contrast with Processing Filler-Gap Dependencies*. Poster presented at the 21st CUNY Conference on Human Sentence Processing. Chapel Hill, North Carolina.

Valdés Kroff, J. R., Guzzardo Tamargo, R. E., Dussias, P. E., Gerfen, C., & Gullifer, J. (2008). *Grammatical gender in processing of Spanish-English code-switches: A visual world study*. Poster presented at the 21st CUNY Conference on Human Sentence Processing. Chapel Hill, North Carolina.

Invited Lectures and Workshops

Guest Lecture: Cognition (03/2020)

Department of Psychology, McGill University

“Introduction to bilingualism”

Professor: Signy Sheldon

Guest Lecture: Cognition (03/2019)

Department of Psychology, McGill University

“Introduction to bilingualism”

Professor: Signy Sheldon

Workshop: Capitalizing on our communicative & neurocognitive diversity: (05/2018)
A selective overview of why and how we study individual differences in language processing

CCP Spring Training in Experimental Psycholinguistics

Department of Linguistics, University of Alberta

Co-lecturer with Debra Titone

Workshop: Introduction to R (03/2018)

Graduate Association of Students in Psychology

Department of Psychology, McGill University

Guest Lecture: Cognition (03/2018)

Department of Psychology, McGill University

“Introduction to bilingualism”

Professor: Signy Sheldon

Guest Lecture: Psychology of Bilingualism (02/2018)

Department of Psychology, McGill University

“Bilingualism and the brain”

Professor: Debra Titone

Workshop: Introduction to LMER models (11/2017)

Centre for Research on Brain, Language and Music

Workshop: Tools for Open Science (10/2017)

Graduate Association of Students in Psychology, McGill University

Guest Lecture: Cognition (03/2017)

Department of Psychology, McGill University

“Introduction to bilingualism”

Professor: Signy Sheldon

Workshop: R Programming for Beginners (10/2016)

Graduate Association of Students in Psychology, McGill University

Centre for Research on Brain, Language and Music

Guest Lecture: Cognition (03/2016)

Department of Psychology, McGill University

“Introduction to bilingualism”

Professor: Signy Sheldon

Guest Lecture: Psychology Theory (01/2016)

Department of Psychology, McGill University

“Introduction to R for data processing”

Professor: Debra Titone

Guest Lecture: Introduction to Linguistics (11/2012)

Program in Linguistics, Penn State University

“Putting the psycho in linguistics”

Workshop: The R statistical package (09/2008)

Center for Language Science, Penn State University

Workshop: Using SR-Research Experiment Builder software (02/2008)

Center for Language Science, Penn State

Teaching Experience

Psychology of Bilingualism (01/2020 – 04-2020)

Department of Psychology, McGill University

Data Processing and Analysis for Language (05/2013)

Scientists using the R Statistical Package

Department of Spanish, Italian, and Portuguese, Penn State University

Introduction to Linguistics (09/2012 – 12/2012)

Program in Linguistics, Penn State University

Teaching Assistant, MATLAB for Behavioral Scientists (01/2012 – 05/2012)

Psychology Department, Penn State University

Professor: David Rosenbaum

Teaching Assistant, Psychology as a Science and Profession (01/2012 – 05/2012)

Psychology Department, Penn State University

Professor: Andrew Peck

Mentorship

Avleen Mokha, Undergraduate Research Assistant (03/2019 – 04/2020)

McGill University

Status: Freelance Journalist

Shelby Trapid, Undergraduate Research Assistant (09/2018 – 04/2019)

McGill University

Status: Lab Coordinator, *Sequence Production Lab, McGill University*

Ian Bernstein, Undergraduate Research Assistant (05/2017 – 09/2017)

McGill University

Status: Undergraduate Research Assistant, *Health Psychology Lab, McGill University*

Kylene Aguila, Undergraduate Research Assistant (09/2016 – 05/2017)

McGill University

Status: Research Assistant, *Lady Davis Institute, Jewish General Hospital*

Mizuki Moriyasu, Undergraduate Research Assistant (09/2013 – 05/2014)

Penn State University

Status: English Language Professional

Jeremy Slocum, Undergraduate Research Assistant (09/2013 – 05/2014)

Penn State University

Status: Graduate Student, *Kent State University*

Anne McPherson, Undergraduate Research Assistant (09/2011 – 05/2012; 09/2013 – 05/2014)

Penn State University

Status: Speech Language Pathologist, *Atlanta Pediatric Therapy*

Alexandra Geiger, Undergraduate Research Assistant (09/2012 – 05/2013)

Penn State University

Anna Washabaugh, Undergraduate Research Assistant (09/2011 – 05/2012)

Penn State University

Status: ABA Therapist, *Cornerstone Autism Center*

Other Academic Service

Young Scholar Speaker Series – Organizer (01/2012)

Center for Language Science, Penn State University

Co-organized a student-led event focused on professional development. Invited a speaker, solicited funding from affiliated departments, organized travel, planned a poster session, and organized invited colloquia.

Graduate Student R-ticle Group – Co-founder (2009 – 2010)

Center for Language Science, Penn State University

Co-organized a student group dedicated to scholarly and professional growth of graduate students interested in language science. The group held weekly meetings designed to review new and classic research in the field; to discuss statistical methods and practices; and to learn new software and programming packages such as the R language.

Ad hoc journal reviewer (<https://publons.com/researcher/1563367/jason-gullifer/peer-review/>)

Applied Psycholinguistics

Bilingualism: Language and Cognition

Brain Structure and Function

Canadian Journal of Experimental Psychology

International Journal of Bilingualism

Journal of Experimental Psychology: General

Journal of Experimental Psychology: Human Perception and Performance

Journal of Experimental Psychology: Learning, Memory, and Cognition

Journal of Memory and Language

Linguistic Approaches to Bilingualism

Memory & Cognition

Neurobiology of Language

Translation Spaces | A multidisciplinary, multimedia, and multilingual journal of translation

Ad hoc conference reviewer

Annual CUNY Conference on Human Sentence Processing

International Workshop on Bilingualism and Cognitive Control

Press Releases and Media Coverage

Want to be smart? Learn a foreign language 08/2015

<http://brainblogger.com/2015/08/05/want-to-be-smart-learn-a-foreign-language/>

Zut alors! Being bilingual DOESN'T make you smarter: 08/2014

Cognitive benefits of speaking two languages are a 'myth', claim scientists

<http://www.dailymail.co.uk/sciencetech/article-2736928/Zut-alors-Being-bilingual-DOESN'T-make-smarter-Cognitive-benefits-speaking-two-languages-are-myth-claim-scientists.html>

Why bilingualism strengthens your mental muscle 09/2013

<http://www.futurity.org/bilingualism-builds-mental-muscle/>

Time to Learn Another Language? Being Bilingual Makes You Smarter 09/2013

<http://thedailyneuron.com/are-you-bilingual-means-you-are-automatically-smarter/>

Bilingual Speakers Develop Mental Flexibility 09/2013

<http://psychcentral.com/news/2013/09/11/bilingual-speakers-develop-mental-flexibility/59404.html>

Benefits of Bilingualism 09/2013

<https://imsc.achievesms.com/headofeducation/2013/09/20/9-20-13-benefits-of-bilingualism/>

Think twice, speak once: Bilinguals process both languages 09/2013

http://www.nsf.gov/news/news_summ.jsp?cntn_id=129060&org=NSF&from=news

<http://www.sciencedaily.com/releases/2013/09/130910121521.htm>

<http://news.psu.edu/story/286926/2013/09/10/research/think-twice-speak-once-bilinguals-process-both->

languages

Bilinguals have the remarkable ability to switch from one language to the other

06/2013

<http://www.frontiersin.org/Press.aspx?cat=publicrelations&stage=pressreleases#>

When language switching has no apparent cost: Lexical access in sentence context

05/2013

http://www.sciencecodex.com/frontiers_news_briefs_may_30-113146

http://www.eurekalert.org/pub_releases/2013-05/f-fnb052913.php

Professional Memberships

Canadian Society for Brain, Behaviour and Cognitive Science

International Network for Social Network Analysis

Psychonomic Society

Society for the Neurobiology of Language

Women in Cognitive Science - Canada