

## Jason W. Gullifer

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## Education

Ph.D. Candidate, Penn State University (08/2011 – present)

Psychology and Language Science

Advisors: Judith Kroll & Paola Dussias

M.S., Penn State University (08/2011)

Psychology

B.A., cum laude, University of Massachusetts, Amherst (05/2007)

Linguistics and Psychology; Minor in German

## Funding and Awards

National Science Foundation Doctoral Dissertation Research Grant (2013)

Notified on 5/17/13 that the proposal will be recommended for funding

Liberal Arts College Dissertation Support Grant (RGSO), Penn State University (2013)

PIRE Travel Grant, Center for Language Science, Penn State University (2011)

Travel grant funded by the NSF Partnerships for International Research and Education (PIRE) program. Provided funding for travel to the University of Granada (Spain) to conduct research on bilingualism.

NSF Graduate Research Fellowship Program - Honorable Mention (2011)

## Publications

Kroll, J. F., Gullifer, J. W., McClain, R., Rossi, E., Martin, M. C. (in preparation). Selection and control in bilingual comprehension and production.

Kroll, J. F., Gullifer, J., & Rossi, E. The multilingual lexicon: The cognitive and neural basis of lexical comprehension and production in two languages. To appear in: *2013 Annual Review of Applied Linguistics on Multilingualism*. Cambridge (UK): Cambridge University Press.

Gullifer J. W., Kroll J. F., & Dussias P. E. (2013). When language switching has no apparent cost: Lexical access in sentence context. *Frontiers in Language Sciences*, 4, doi: 10.3389/fpsyg.2013.00278

## Invited Presentations

Gullifer, J. (2011). *The influence of syntactic constraints on parallel activation of two languages*.

Oral presentation at the Psycholinguistic Research on Bilingualism and Reading lab meeting, University of Texas at El Paso, USA, March.

Gullifer, J. (2011). *The effect of syntactic constraints on parallel activation of words in the bilingual's two languages*. Oral presentation at the Memory and Language Research Group lab meeting, University of Granada, Spain, May.

## Conference Posters & Presentations

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, Norway.
- 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.

## Research Experience

### **Graduate Research Assistant** (08/2009 – present)

*Center for Language Science – Psychology Department, Penn State University*

Supervisors: Judith Kroll & Paola Dussias

Mentor and supervise undergraduate students in lab; conduct experiments; extract and analyze data.

### **Research Technologist** (08/2007 – 08/2009)

*Center for Language Science – Psychology Department, Penn State University*

Supervisors: Judith Kroll & Paola Dussias

Program psycholinguistics experiments (including eye-tracking, behavioral); test participants; set-up new lab spaces (including rooms with ERP and behavioral setups); webmaster: create and maintain web-site for the CLS.

### **Research Assistant** (08/2006 – 05/2007)

*Psychology Department, University of Massachusetts, Amherst*

Supervisors: Charles Clifton & Lyn Frazier

Conceptualize, design, program, and debug psycholinguistics experiments; test participants; extract and analyze data; write in-depth analysis of results.

- Thesis investigates processing differences between instances of reverse sluicing and filler-gap relations.

## Teaching Experience

### **Lecturer: Data Processing and Analysis for Language Scientists using the R Statistical Package** (05/2012)

*Spanish, Italian, and Portuguese, Penn State University*

### **Lecturer: Introduction to Linguistics** (09/2012 – 12/2012)

*Program in Linguistics, Penn State University*

### **Guest Lecturer: Introduction to Linguistics** (11/2012)

*Program in Linguistics, Penn State University*

“Putting the psycho in linguistics”

**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

**Tutorial: The R statistical package** (9/2008)

*Center for Language Science, Penn State University*

**Tutorial: Using SR-Research Experiment Builder software** (2/2008)

*Center for Language Science, Penn State*

## **Academic Service**

**Graduate Student R-ticle Group – Co-founder** (Fall 2009 – present)

*Center for Language Science, Penn State University*

A student organization dedicated to scholarly and professional growth of graduate students interested in language science. The group holds 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.

**Young Scholar Speaker Series – Organizer** (Fall 2011)

*Center for Language Science, Penn State University*

An event led by graduate students. Organizing the event involves inviting a speaker, soliciting funding from affiliated departments, organizing travel, planning a graduate poster series, and organizing the invited colloquia.

## **Ad hoc reviewer**

Journal of Experimental Psychology: Human Perception & Performance

International Workshop on Bilingualism and Cognitive Control (2013)