

# ELEONORA ROSSI

## CURRICULUM VITAE

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Address: Department of Psychology  
Center for Language Science  
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### CURRENT POSITION

2013 (July)-present Visiting Assistant Professor  
Linguistics Program  
Pennsylvania State University, University Park, PA USA  
<http://linguistics.la.psu.edu/>

2009-2013 Postdoctoral Research Associate  
Center for Language Science and Department of Psychology  
Pennsylvania State University, University Park, PA USA  
Mentors: *Judith F. Kroll*, Distinguished Professor of Psychology, Linguistics and Women Studies; *Paola E. Dussias*, Associate Professor of Spanish Linguistics, Head, Department of Spanish, Italian, and Portuguese

### PREVIOUS POSITIONS

2008-2009 De Vincenzi Postdoctoral Fellow  
Department of Psychology, Center for Language Science  
Pennsylvania State University  
PROJECT: *The processing of clitic pronouns in adult L2 learners of Spanish: from agrammatic aphasia to adult second language acquisition*

### EDUCATION

2007 Ph.D. in Linguistics  
Department of Dutch, Neurolinguistics Research Group  
University of Groningen, The Netherlands  
Thesis: *Clitic production in Italian agrammatism*  
Mentor: *Professor Roelien Bastiaanse*  
Dates of attendance: March 2003 – October 2007

2002 European Masters Degree in Clinical Linguistics (cum laude)

University of Groningen, The Netherlands  
Thesis: *Verb production in Italian and German: a cross-linguistic comparison and a single case study in a bilingual aphasic*  
Mentor: *Professor Roelien Bastiaanse*  
Dates of attendance: August 2001 – August 2002

- 2001      M.A. in Speech Therapy and Pathology (cum laude)  
University of Padua, Italy  
Thesis: *Three cases of Bilingual aphasia in South Tyrol: Methodological problems, analysis and some suggestions for research*  
Mentor: *Professor Gianfranco Denes*  
Dates of attendance: October 1997 - March 2001
- 2001      B.A. in Speech Therapy and Pathology (cum laude)  
University of Padua, Italy  
Dates of attendance: October 1997 - March 2001

## TEACHING EXPERIENCE

- 2013-      Lecturer, Linguistics 100: Foundation of Linguistics  
Pennsylvania State University, University Park, PA USA
- 2009      Lecturer, Linguistics 100: Foundation of Linguistics  
Pennsylvania State University, University Park, PA USA
- 2008      Lecturer in Statistics and Methodology  
Department of Linguistics, University of Groningen, The Netherlands
- Lecturer in Computer Communication  
Department of Linguistics, University of Groningen, The Netherlands
- 2007      Lecturer in Statistics and Methodology  
Within the EMCL (European Master in Clinical Linguistics)  
Department of Linguistics, University of Groningen, The Netherlands.

## PUBLICATIONS

Kroll, J.F., & Rossi, E. (in press). *Second language acquisition and bilingualism*. In *Oxford Bibliographies Online: Linguistics*. Oxford (UK): Oxford University Press.

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

Rossi, E. (in press). Modulating the sensitivity to syntactic factors in production: Evidence from syntactic priming in agrammatism. *Applied Psycholinguistics*.

Stowe, L. & Rossi, E. (revision invited). *The neurobiology of L2 learning: an historical overview*. To appear in: *Language Teaching: Surveys and Studies*. Cambridge (UK): Cambridge University Press.

Rossi, E., Diaz, M., Kroll, J.F. & Dussias, P.E. (under review). When sentence comprehension in the native language is not enough: What second language learners and bilinguals tell us about the processing of morphosyntax. *Language and Cognitive Processes*.

Kroll, J.F., & Rossi, E. (2013). Bilingualism and multilingualism: Quantitative methods. In C.A. Chapelle (Ed.), *The Encyclopedia of Applied Linguistics*. Wiley-Blackwell.

Rossi, E. (2012). Data Analysis and interpretation: Statistical Methods. In N. Müller & M.J. Ball (Eds.), *The Blackwell Guide to Research Methods in Clinical Linguistics and Phonetics*. Wiley-Blackwell.

Rossi, E. (2011). The trains of language: Syntax and morphology. In G. Denes (Ed.), *Talking heads. The Neuroscience of Language*. Psychology Press.

Rossi, E., Schippers, M. & Keysers, C. (2011). Broca's area: Linking perception and production in language and actions. In J. Han & E. Poeppel (Eds.), *Culture and neural frames of cognition and communication: On Thinking*. Heidelberg: Springer.

Rossi, E. (2009). The multilingual brain: learning and losing languages. *Jezik in Slovstvo*, 1, 1-8.

Rossi, E., & Denes, G. (2009). Natura e rappresentazione della sintassi. In Denes, G. (Ed.), *Parlare con la testa*. Bologna: Zanichelli.

Visch-Brink, E.G., Bajema, I.M., & Rossi, E. (2009). *BOX: A lexico-semantic therapy for aphasic speakers*. O.S. Organizzazioni Speciali Ed, Firenze, Italy.

Rossi, E., & Bastiaanse, R. (2008). Spontaneous speech in Italian agrammatic aphasia: a focus on variability and verb production. *Aphasiology*, 22, 347-362.

Rossi, E. (2007). *Clitic production in Italian agrammatism*. (Ph.D. dissertation). Series number 64. Grodil, Groningen.

Rossi, E. (2007). Bilingual aphasia: A field under construction. *Stem- Spraak- en Taalpathologie*, 15, 137-142.

## **PUBLICATIONS IN PREPARATION**

Kroll, J. F., Gullifer, J. W., McClain, R., Rossi, E., Martín, M.C. (in preparation). *Selection and control in bilingual comprehension and production*. To appear in J. Schweiter, (Ed.), *Cambridge Handbook of Bilingualism*. New York: Cambridge University Press.

van Hell, G.J., Rossi, E., Ting, C., Diaz, M., Newman, S., & Dussias, P.E. (in preparation). *Functional neuroimaging and codeswitching: Neural basis of switching words in meaningful sentences*.

Rossi, E., Newman, S., Diaz, M., Guo, T., & Kroll, J. F. (in preparation). *There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech*.

Rossi, E., Kroll, J.F. & Dussias, P.E. (in preparation). *When bilinguals process gender and number: ERP evidence for the role of cross-language similarity in sentence processing*.

Rossi, E., Diaz, M., Newman, S., Dussias, P.E., & Kroll, J. F. (in preparation). *Processing L2 specific morpho-syntactic structures. fMRI evidence*.

Rossi, E., & Dussias, P. E. (in preparation). *Using eye tracking to examine sensitivity to gender and number in L2 sentence processing*.

## **CONFERENCE PROCEEDINGS**

Rossi, E., & Bastiaanse, R. (2006). Don't give an affirmative order. A negative one is easier! *Brain and Language*, 99, 77-78.

Rossi, E. (2006) Clitic production in Italian agrammatism. *Afasiologie*, 284, 69-70.

Rossi, E., & Bastiaanse, R. (2005). Clitic production in Italian agrammatism. *Brain and Language*, 95, 159-160.

Rossi, E., & Bastiaanse, R. (2004). An insight in small clauses and negative clauses in agrammatism: Data from Italian. *Brain and Language*, 91, 106-107.

Rossi, E., Denes, G., Bastiaanse, R. (2003). A single case study of pathological mixing in a polyglot aphasic. *Brain and Language*, 87, 46-47.

## **B.A. AND M.A. DISSERTATIONS**

M.A. dissertation (University of Groningen) (2002) *Verb production in Italian and German: a cross-linguistic comparison and a single case study in a bilingual aphasic*.

B.A. dissertation (University of Padua) (2001) *Three cases of Bilingual aphasia in South Tyrol: Methodological problems, analysis and some suggestions for the research*.

## **RESEARCH SUPPORT**

PI, SDE/GWIS National Fellowships Program. Project: <i>The bilingual's mind and brain: Juggling two languages over time and place</i>	2013, Under review
Co-PI, Research grant for basic research from the Spanish government (PI, Teresa Bajo Molina, University of Granada). Project: <i>Individual differences in the control of memory interference</i>	2012-2015
Co-PI, NSF Doctoral Dissertation Research Improvement Grants (PI, Judith Kroll, Co-PI, Rhonda McClain). Project: <i>Using ERPs to track the scope of inhibition in bilingual speech</i> (\$17,814)	2012-2014
PI, SDE/GWIS National Fellowships Program. Project: <i>The bilingual's mind and brain: Juggling two languages over time and place</i>	2012, Honorable mention
PI, Marica De Vincenzi fellowship for post-doctoral research. Project: <i>The processing of clitic pronouns in adult L2 learners of Spanish</i> (\$33,000)	2008-2009
Ubbo Emmius Ph.D. fellowship, University of Groningen (full funding for 4 years of research. (€100,000). Project: <i>Clitic production in Italian agrammatism</i>	2003-2007
South-Tyrol regional scholarship to pursue MA-level education abroad (full funding of MA-level studies at the University of Groningen)	2002-2003

## ACADEMIC AND TRAVEL AWARDS

	2012
Pennsylvania State University, Postdoctoral Research Exhibition. Third prize.	
	2012
Pennsylvania State University, Postdoctoral Travel Award to participate in the 2012 meeting of the Cognitive Neuroscience Society, Chicago, IL.	
	2007
Prize for the best poster presentation at the National Symposium on: “Language and communication disorders: From theory to rehabilitation”. Turin, Italy.	

## PROFESSIONAL AFFILIATIONS AND SERVICE

### *Advisory and Review Panels*

Member of the administrative board of the “Marica De Vincenzi” Foundation ( <a href="http://www.fondazionevincenzi.org/en/">http://www.fondazionevincenzi.org/en/</a> )	2009-present
Member, National Science Foundation (NSF): Graduate Research Fellowship Program (GRFP) Panel	2010

### *Memberships*

Women in Cognitive Science (Member): 2010-present  
Graduate Women in Science (Member): 2012-present  
Cognitive Neuroscience Society (Member): 2012-present

### *Ad-hoc Journal Reviewing*

Brain and Language  
Cognition  
Applied Psycholinguistics  
Memory & Cognition  
Journal of Experimental Psychology: Learning, Memory, and Cognition  
Journal of Phonetics  
Journal of Language and Culture  
Journal of Neurolinguistics

### *Ad Hoc Grant Reviewing*

National Science Foundation (NSF): Doctoral Dissertation Research Grants

### *Other academic services*

Reviewer for the International Workshop on Bilingualism and Cognitive Control 2013

## ADVISING AND MENTORING

Co-sponsor Rhonda McClain NIH Research Training Opportunities: National Research Service Award (NRSA)  
Vincenzo Tabacco (BA thesis) University of Siena

## OTHER EXTERNAL PROJECTS AND COLLABORATIONS

Dr. Darren Tanner and Dr. Janet van Hell, Pennsylvania State University. Project: *Cue interaction in monolingual and bilingual sentence processing*.

Dr. Carrie Jackson, Pennsylvania State University. Project: *The effects of foreign accent on morpho-syntactic processing. An ERP investigation*.

Dr. Michele Diaz, Duke-UNC Brain Imaging and Analysis Center, and Dr. Sharlene Newman, Indiana University. Project: *Utilizing fMRI to disclose the neural correlates of language grammatical processing and language inhibitory control*.

Dr. Natasha Tokowicz, University of Pittsburgh. Project: *Morpho-syntactic processing in bilinguals: the role of typological similarity across grammatical structures*.

Dr. Dimitry Kochenov, University of Groningen (The Netherlands). Project: *Filling the gap: Linking evidence from the neurobiological reality of bilingualism and its legal implementation*.

Dr. Swathi Kiran, Boston University. Within the project: *Effects of a semantic based naming treatment on crosslinguistic generalization in bilingual patients with aphasia*, I am developing a parallel project: *The processing of clitic pronouns position in bilingual aphasia*. In the current project, Spanish-English bilingual aphasic patients are being tested with a self paced-reading task in order to investigate sentential processing in bilingual aphasia.

Dr. Mia Bloom, Pennsylvania State University. International Center for the Study of Terrorism. Project: *Terrorism in Chechnya and Russian Military Responses*. The focus of this collaboration lies on developing a linguistically based analysis of available scripts to determine whether language change mirrors a transition towards religious radicalization. Paper in preparation: *Women in Black, the Role of Kinship and Coercion in the Dubrovka Theater Siege*.

Dr. Evy Visch-Brink, University of Rotterdam (The Netherlands). Project: *Creating the Italian version of BOX* (Semantic therapy for aphasic speakers).

## CONFERENCE PRESENTATIONS AND TALKS

2013

Tanner E., Rossi, E. & van Hell G.J. *Electrophysiological correlates of cue-dependence in second language sentence processing*. (Poster to be presented at the Cognitive Neuroscience Society, 2013, San Francisco, USA).

Tanner E., Rossi, E. & van Hell G.J. *Electrophysiological correlates of cue-dependence in second language sentence processing*. (Abstract submitted for CUNY Conference on Human Sentence Processing, 2013, Columbia, SC, USA).

2012

Rossi, E., & Kochenov, D. *Bilingualism beyond language. Policy meets the neurocognitive reality of bilingualism*. (Paper to be presented at the IALL CONFERENCE 2012 Language Rights, Inclusion & the Prevention of Ethnic Conflicts 13-17 December, Chiang Mai, Thailand).

Rossi, E. Newman, S., Diaz, M., & Kroll, J. *There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech*. (Poster presented at the 2012 meeting of the Psychonomic Society, Minneapolis, USA).

Rossi, E., McClain, R. & Kroll, J. *The scope and time course of inhibitory processes in bilingual speech production*. (Paper presented at the 31st Second Language Research Forum October 18-21, Pittsburgh, USA).

Marker, R., Chen P., Rossi, E., & Kroll, J. *Semantic Category Interference is Similar for L1 and L2: Evidence from Behavioral and Electrophysiological Data*. (Paper presented at the 31st Second Language Research Forum October 18-21, Pittsburgh, USA).

Rossi, E., Newman, S., Diaz, M., & Kroll, J. There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech. (Poster presented at the UIC Bilingualism Forum October 4th, Chicago, USA).

Rossi, E., Newman, S., Diaz, M., & Kroll, J. *There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech.* (Poster presented at AMLaP, Architecture and mechanisms for language processing, 2012, Riva del Garda, Italy).

Rossi, E., Newman, S., Diaz, M., & Kroll, J. *There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech.* (Poster presented at the 7th International Workshop on Language Production, New York, USA).

Rossi, E., & Kochenov, D. *Bilingualism beyond language. Policy meets the neurocognitive reality of bilingualism.* (Paper presented at the 11th Nordic Conference in Bilingualism, 2012, Copenhagen, Denmark, EU).

Rossi, E., Kroll, J.F., & Dussias, E.P. *Morpho-syntactic processing in late bilinguals: Combined evidence from ERPs and fMRI.* (Poster presented at Cognitive Neuroscience Society, 2012, Chicago, USA).

2011

Rossi, E., Dussias, E.P., & Kroll, J.F. *The Role of Cognitive Resources in Processing Second Language Syntax.* (Poster presented at the 2011 meeting of the Psychonomic Society, Seattle, USA).

Rossi, E., Gullifer, J., Dussias, E.P. & Kroll, J.F. *Typological similarity and immersion have different effects on L2 language processing.* (Poster presented at CUNY Conference on Human Sentence Processing 2011, Stanford, USA)

Rossi, E., Gullifer, J., Dussias, E.P. & Kroll, J.F. *On the consequence of late bilingualism for morpho-syntactic processing in the L2: Evidence from behavioral and ERP data.* (Paper presented at ISB 8: International Symposium on Bilingualism, Oslo, Norway, EEA)

Rossi, E., Dussias, E.P. & Kroll, J.F. *Does typological similarity matter? The processing of grammatical gender and number in late English-Spanish bilinguals: Evidence from ERPs and eye-tracking.* (Poster presented at ISB 8: International Symposium on Bilingualism, Oslo, Norway, EEA)

2010

Rossi, E., Dussias, E.P. & Kroll, J.F. *Skilled sentence processing in a second language: the limits are not in access to the morpho-syntax but in the ability to generate alternative structures.* (Poster presented at AMLaP 2010, York, UK)

Rossi, E., Gullifer, J., Dussias, E.P. & Kroll, J.F. *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 2010 Donostia Workshop on Neurobilingualism, Donostia, Spain, EU)

2009

Rossi, E., Dussias, E.P. & Kroll, J.F. *The processing of object pronouns in Spanish. A comparison of native speakers and L2 learners* (Poster presented at The European Society for Cognitive Psychology Krakow, Poland, EU)

2007

Rossi, E. *Clitic production in Italian agrammatic patients.* (Poster presented at National symposium on: Language and communication disorders: from theory to rehabilitation, Turin, Italy, EU)

Rossi, E. & Bastiaanse, R. *Clitic position in restructuring and negative imperative sentences: data from agrammatism*. Paper presented at The 3<sup>rd</sup> Science of Aphasia (Monopoli, Italy, EU)

2006

Rossi, E. & Bastiaanse R. *Don't give an affirmative order. A negative one is easier!* Paper presented at The Academy of Aphasia (Victoria, Canada)

2005

Rossi, E. & Bastiaanse R. *Clitic production in Italian agrammatism*. Paper presented at the The Academy of Aphasia (Amsterdam, The Netherlands, EU)

Rossi, E. *A case of selective recovery of L2 in a bilingual speaker*. Poster presented at the Rovereto Workshop on bilingualism (Rovereto, Italy, EU)

2004

Rossi, E. & Bastiaanse R. *An insight in Small clauses and Negative clauses in agrammatism: data from Italian*. Poster presented at The Academy of Aphasia (Chicago, U.S.A.)

Rossi, E. & Bastiaanse R. *Movement in agrammatism: is the operation impaired 'per se'?* Poster presented at The Science of Aphasia (Potsdam, Germany, EU)

2003

Rossi, E. & Bastiaanse R. *Agrammatic verb production in Italian, German and a single case study in a bilingual aphasic*. Poster presented at The Science of Aphasia (Trieste, Italy, EU)

Rossi, E. & Bastiaanse R. *A single case study of pathological mixing in a polyglot aphasic*. Poster presented at The Academy of Aphasia (Vienna, Austria, EU)

2002

Rossi, E. & Bastiaanse R. *Bilingual aphasia: a case of selective recovery of L2*. Poster presented at The Science of Aphasia (Naples, Italy, EU)

## **INVITED LECTURES**

2012

Meeting of Women in Cognitive Science, Psychonomic Society (November 2012): *A little fish in a tank of sharks?*

Duke-UNC Brain Imaging and Analysis Center (November 2012): *Being bilingual: What juggling the two languages tells us about the mind and the brain*

Northwestern University, Department of Communication Sciences and Disorders. *There are no mental firewalls: fMRI evidence for global inhibition of the native language in bilingual speech*.

2011

Bangor University (Bangor, Wales, UK). *Combining behavioral and neuroimaging evidence for a cognitive-linguistic approach to language processing: Data from aphasia and second language processing*

2010

University of Granada (Granada, Spain, EU). *Combining evidence for a cognitive-linguistic approach to language processing: Data from aphasia and second language processing*.

2008



Lecturer at the II Scientific Meeting of the Scientific Society for Italian Speech Therapists (University of Padova, Padova, Italy, EU). A two days course on: *The treatment of semantic deficits in aphasia. BOX a lexical-semantic therapy.*

University of Ljubljana (Slovenia, EU) *The multilingual brain: learning and loosing languages.*

2007

University S.Raffaele (Milan, Italy, EU). *Italian agrammatism and clitic production.*

Workshop on production and comprehension disorders (Potsdam, Germany). *Clitic production in Italian agrammatic aphasia,*

2006

Afasie Jongerendag. Yearly conference of the Stichting Afasie Nederland (Groningen, The Netherlands, EU) *Clitic production in Italian agrammatism*

Symposium on Multilingualism (University Medical Center Utrecht, The Netherlands, EU) *Bilingual aphasia. A field under construction*

First day of applied linguistics: linguistics and neurolinguistics (Organized by the University of Venice, Italy, EU). *Clitic production in aphasia: data from Italian*

2004

Symposium on applied linguistics (University of Venice, Italy, EU). *Agrammatic verb production in Italian, German and a single case study in a bilingual aphasic*

## **FURTHER EDUCATION (SPECIAL COURSES AND SEMINARS)**

2009

The 2009 ERP Bootcamp, workshop on ERP methods taught by Steve Luck (Center for Mind and Brain, University of California Davis, USA)

2008

Course for the statistic software package 'R'. University of Groningen (held by Erik Tjong Kim Sang). University of Groningen (The Netherlands, EU)

2005

'Brain Vision user workshop'. Hold by Brain products GmbH. Groningen, 28 February - 2 March. University of Groningen (The Netherlands, EU)

'EEG course'. Hold within BCN by Dr. N.M. Maurits. University of Groningen (The Netherlands, EU), 24-25 February

'Methodology and Statistics in Linguistics'. Ten seminars hold by Prof. J. Nerbonne. University of Groningen (The Netherlands, EU)

2004

'Methodology and Statistics in Linguistics'. Ten seminars hold by Prof. J. Nerbonne. University of Groningen (The Netherlands, EU)

2003

'Language contact'. Course hold within LOT summer school by Prof. S. Thomason. University of Tilburg (The Netherlands, EU) 16-20 June

'Evolution of language'. Course hold within LOT summer school by Prof. D. Bickerton. University of Tilburg (The Netherlands, EU), 16-20 June

'The tool-kit of cognitive neuroscience'. Organized by F.C. Donders centre for cognitive neuroimaging. University of Nijmegen (The Netherlands, EU), 7-11 July

## **OTHER SCHOLARLY ACTIVITIES**

2009

Organizer and Lecturer at the: “Two days introductory workshop on ERPs” (1<sup>st</sup>-2<sup>nd</sup> October 2009). Pennsylvania State University, University Park.

2007

Organizer of a workshop at the University of Groningen (The Netherlands, EU): ‘Thinking about aphasia between theory and data: an interdisciplinary approach’.

2005

Organizer of TABU-day: An international conference on general linguistics at the University of Groningen, (The Netherlands, EU)

## **LANGUAGE KNOWLEDGE**

Italian:	native speaker
English:	excellent oral and written knowledge
French:	very good oral and written knowledge
Dutch:	good oral and written knowledge
German:	good oral and written knowledge
Spanish:	basic communication skills