

# Jeremy D. Yeaton

*they/them/theirs*

Biological Signal Processing & Data Analysis Engineer  
Cognitive Psychology Lab, CNRS & Aix-Marseille Université  
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## Education

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**MSc, École Normale Supérieure** Paris, France  
Cognitive Sciences, *Mention Bien (Magna Cum Laude)* June 2019  
Thesis: *Visual processing of verb-second word order in second language acquisition.* [PDF]

**BA, Rutgers University** New Brunswick, New Jersey  
Linguistics & French, *Summa Cum Laude* January 2016  
Thesis: *The roles of context & prosody in the disambiguation of double negatives in French.* [PDF]

## Research Positions

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2019— **Cognitive Psychology Laboratory** CNRS & Aix-Marseille Université  
Biological Signal Processing & Data Analysis Engineer Jonathan Grainger

2018-2019 **Models, Dynamics, and Corpora** Université Paris Nanterre  
Research Assistant/ Study Engineer Caroline Bogliotti & Frédéric Isel

2018-2019 **Laboratory on Perceptual Systems** École Normale Supérieure  
Research Assistant Giovanni Di Liberto

2012-2016 **Comparative & Experimental Linguistics Lab** Rutgers University  
Research Assistant/ Lab Manager Viviane Déprez

2015 **Laboratory on Language, the Brain, and Cognition** Institut des Sciences Cognitives  
Summer Research Assistant Viviane Déprez

2013 **Language Acquisition Research Center** Hunter College  
Summer Research Assistant Virginia Valian

## Other Positions

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2016–2017 **Prof. d-r. Assen Zlatarov FLHS** Bulgarian Fulbright Commission  
Fulbright English Teaching Assistant – Haskovo

2015–2016 **School of Language Studies** US State Department  
Program Assistant – Evaluation & Measurement Unit Benjamin Kloda

2015 **School of Language Studies** US State Department  
Intern – Dean’s Office Amb. Marie Yovanovitch

## Publications (\* authors contributed equally)

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- Under review Di Liberto, GM\*; Nie, J\*; **Yeaton, JD**; Khalighinejad, B; Shamma, S; Mesgarani, N. *Neural representation of linguistic feature hierarchy reflects language proficiency.*
- Accepted Mirault, J; **Yeaton, JD**; Broqua, F; Dufau, S; Holcomb, P; Grainger, J. *Parafoveal-on-foveal repetition effects in sentence reading: A co-registered eye-tracking and EEG study.* Psychophysiology.
- 2018 Blanchette, F; Nadeu, M; **Yeaton, JD**; Déprez, V. *English negative concord and double negation: The division of labor between syntax and pragmatics.* Proceedings of the Linguistic Society of America, [S.l.], v. 3, p. 53:1-15, mar. 2018. [PDF]
- 2018 Déprez, V; **Yeaton, JD**. *French negative concord and discord: An experimental investigation of contextual and prosodic disambiguation.* Romance Languages and Linguistic Theory 14: Selected papers from the 46th Linguistic Symposium on Romance Languages (LSRL), Stony Brook, NY. [PDF]

## Working Papers (Draft available)

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**Yeaton, JD**; Loder, M; Déprez, V. *Prosody in French negative concord and double negation: Evidence from production and perception.*

## Presentations (\* denotes presenter)

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- 2020 Wu, Y\*; **Yeaton, JD**; Isel, F. *Neurophysiological evidence of interference between different linguistic systems in Chinese learners of French.* Invited seminar in series “Atypies et dysfonctionnements langagiers”. Université Paris Nanterre. Nanterre, France. February 11, 2020.
- 2019 **Yeaton, JD\***. *Introduction to EEG data collection and analysis with Fieldtrip.* Invited 2-day workshop at MoDyCo Lab at Université Paris Nanterre. Nanterre, France. December 2-3, 2019.
- 2019 Di Liberto, GM; Nie, J; **Yeaton, JD**; Khalighinejad, B; Shamma, S; Mesgarani, N\*. *Neural biomarkers of language proficiency in second language listeners.* 49<sup>th</sup> Annual Meeting of the Society for Neuroscience (SfN). Chicago, IL, USA. October 19-23, 2019. [Slides]
- 2018 Déprez, V\*; **Yeaton, JD**. *Negative Concord in French and Italian.* Invited talk at Institut für Romanische Sprachen und Literaturen, Goethe-Universität, Frankfurt am Main, Germany. December 17, 2018.
- 2018 **Yeaton, JD\***; Déprez, V. *Ambiguity in Spoken French Double Negation.* Invited talk at Negation Across Modalities Workshop. École Normale Supérieure, Paris, France. December 5, 2018.
- 2018 Déprez, V; **Yeaton, JD\***. *How ambiguous are French Double Negative Sequences?* Ambigo: Workshop on Ambiguity – Theory, Development, and Processing. Georg-August-Universität, Göttingen, Germany. July 4-6, 2018. [Slides]
- 2018 Blanchette, F\*; Nadeu, M; Déprez, V; **Yeaton, JD**. *Linguistic evidence and stigmatized structures: The case of English Negative Concord.* Linguistic Evidence 2018: Experimental data drives linguistic theory. Eberhard Karls Universität, Tübingen, Germany. February 15-17, 2018.

- 2018 **Yeaton, JD\***; Déprez, V. *Evidence for Prosodic Phrase Marking in French Double Negation*. Conference of the Student Organization of Linguistics in Europe (ConSOLE 26), University College London, UK. February 14-16, 2018. [Slides]
- 2016 Déprez, V\*; **Yeaton, JD\***. *Contextual and Prosodic Disambiguation of French Concord and Discord*. The 46<sup>th</sup> Linguistic Symposium on Romance Languages (LSRL 46), Stony Brook University, NY, USA. March 31-April 3, 2016.
- 2013 Yeaton, K\*; **Yeaton, JD\***. *The Changing Voice of Environmental Reporting: A Linguistic Exploration of Ford Motor Company CSRs and 10-Ks from 2003-2012*. Academy of Business Disciplines 2013. Fort Myers, FL, USA. November 9-11, 2013.

## Posters (\* denotes presenter)

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- 2020 Wu, Y\*; **Yeaton, JD**; Isel, F. *Do Mandarin-French bilinguals hear Chinese when reading French? ERP evidence of proficiency level*. 27th Annual Meeting of the Cognitive Neuroscience Society (CNS 2020), Boston, MA, USA. March 14-17, 2020.
- 2019 Di Liberto, GM\*; Nie, J; **Yeaton, JD**; Khalighinejad, B; Shamma, S; Mesgarani, N. *How proficiency shapes the hierarchical cortical encoding of non-native speech*. Eleventh Annual Meeting of the Society for the Neurobiology of Language (SNL), Helsinki, Finland. August 20-22, 2019. [PDF]
- 2018 Blanchette, F\*; Nadeu, M; Déprez, V; **Yeaton, JD**. *English Negative Concord and Double Negation: The Division of Labor between Syntax and Pragmatics*. 92<sup>nd</sup> Annual Meeting of the Linguistic Society of America (LSA), Salt Lake City, UT, USA. January 4-7, 2018. [PDF]
- 2016 **Yeaton, JD\***; Déprez, V. *How context and intonation influence how people interpret negative expressions in French*. Aresty Undergraduate Research Symposium 2016, New Brunswick, NJ, USA. April 29-30, 2016. [PDF]
- 2014 Durso, B\*; McCourt, J\*; Lai, MK; **Yeaton, JD**; Durand, M; Genc, H; Patel, A; Déprez, V. *Double Negatives: An Experimental Approach*. Aresty Undergraduate Research Symposium 2014, New Brunswick, NJ, USA. April 25-26, 2014.
- 2013 Lai, M\*; **Yeaton, JD\***; Downes, C; Patel, A; Déprez, V. *When and How is Concord Preferred? An Experimental Approach*. Aresty Undergraduate Research Symposium 2013, New Brunswick, NJ, USA. April 26-27, 2013. [PDF]

## Works in Progress

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**Yeaton, JD**; Di Liberto, GM; Dufau, S; Grainger, J. *Naturalistic Story Reading: A novel paradigm for co-registered M/EEG and eye-tracking data*. (In data collection)

**Yeaton, JD**; Kihlstedt, M; Andersson, A; Sayehli, S; Gullberg, M; Isel, F. *Visual processing of verb-second word order in second language acquisition: ERP Evidence from French-Swedish successive bilinguals*. (In data collection)

Perin, P; **Yeaton, JD**; Flambard, S; Isel, F; Bogliotti, C. *Syntactic, semantic, and phonological violations in French Sign Language: EEG evidence from early- and late-onset signers*. (In data collection)

Wu, Y; **Yeaton, JD**; Isel, F. *Crosslinguistic semantic and phonological priming: Evidence from ERPs in Chinese-French Bilinguals*. (In data collection)

Kerr, E; **Yeaton, JD**; Mirault, J; Wen, Y; Grainger, J. *Syntactic priming effects in sentence processing: Evidence from ERPs*. (In development)

Tosatto, L; **Yeaton, JD**; Grainger, J; Rey, A. *Discontinuous sequence learning in Papio papio*. (In development)

## Grants & Funding

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2016–2017 Fulbright English Teaching Assistant Grant (\$13,500)  
2015 Benjamin Franklin Travel Grant from the French Embassy in the US (\$900)  
2014 Aresty Undergraduate Research Fellowship (\$1,900)

## Honors & Awards

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2017 US Department of State Certificate of Appreciation  
2016 J. William Fulbright English Teaching Assistant Award (Bulgaria, AY 2016)  
2016 Chancellor’s Leadership Award  
2016 Henry Rutgers Scholar Award  
2016 Academic Excellence Award in Linguistics  
2016 Highest Honors in Linguistics  
2016 Highest Honors in French  
2016 Paul Robeson Scholar  
2015 Phi Beta Kappa National Honorary  
2014-2015 Aresty Research Fellow  
2013-2015 Frank T. Gorman Scholar  
2014 Hanban Chinese Bridge Competition 2014–Third Prize Winner  
2013 Phi Sigma Iota National Foreign Language Honor Society  
2012-2013 Aresty Undergraduate Research Assistantship

## Languages

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English	Native
French	C1
Chinese (Mandarin)	B1
Bulgarian	B1
Spanish	B1
Russian	A2
French Sign Language (LSF)	A1

## Knowledge & Skills

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<b>Scripting &amp; analysis</b>	Matlab (FieldTrip, mTRF Toolbox, EEGLAB, EYE-EEG Toolbox, Mass Univariate ERP Toolbox) Python (NumPy, Matplotlib) R (GGPlot2, TidyVerse, lme4) Jamovi JASP (Bayesian testing) Git
<b>Stimulus presentation</b>	Matlab (PsychToolbox) Python (ExPyrimient, OpenSesame) E-Prime 3 NBS Presentation
<b>Other software</b>	BioSemi ActiView Praat Audacity GIMP ELAN L <sup>A</sup> T <sub>E</sub> X Linux (Ubuntu) FFmpeg
<b>Hardware</b>	BioSemi ActiveTwo 64-channel EEG system SR Research EyeLink 1000
<b>Certifications</b>	CITI Human Subjects Research Certification