

# Jeremy D. Yeaton

*they/them/theirs*

Biological Signal Processing & Data Analysis Engineer  
Cognitive Psychology Lab, CNRS & Aix-Marseille Université  
jdyeaton27@gmail.com ◇ JeremyYeaton.github.io

## Education

---

**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

---

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 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

---

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

---

- Invited revision 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) (\* authors contributed equally)

---

- Yeaton, JD**; Loder, M; Déprez, V. *Prosody in French negative concord and double negation: Evidence from production and perception.*
- Di Liberto, GM\*; Nie, J\*; **Yeaton, JD**; Khalighinejad, B; Shamma, S; Mesgarani, N. *Neural representation of linguistic feature hierarchy reflects language proficiency.*

## Presentations (\* denotes presenter)

---

- 2019 **Yeaton, JD\***. *Introduction to EEG data collection and analysis with Fieldtrip.* Invited 2-day workshop at Models, Dynamics, Corpora 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)

---

- 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

---

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

Di Liberto, GM; Kuhn, J; Mertz, J; **Yeaton, JD**; Geraci, C. *Cortical tracking of linguistic features in sign language: EEG evidence from French Sign Language*. (In development)

## Grants & Funding

---

- 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

---

- 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

---

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

## Knowledge & Skills

---

<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 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 system SR Research EyeLink 1000
<b>Certifications</b>	CITI Human Subjects Research Certification