Adam M. Morgan

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EDUCATION & TRAINING

Postdoctoral Fellow in Neurology
2020 — Present
NYU Grossman School of Medicine
New York, NY
- *P.I.:* Adeen Flinker

Ph.D. in Experimental Psychology
2013 — 2019
UC San Diego
San Diego, CA
- *P.I.:* Victor S. Ferreira
- *Dissertation:* The Mental Representation of Syntax: Interfaces with Production, Comprehension, and Learning

M.A. in Linguistics
2011 — 2013
UC Santa Cruz
Santa Cruz, CA
- *P.I.:* Matthew Wagers
- *Thesis:* Bridging the Gap between Acceptability and Production of English Resumptive Pronouns

Lab Manager, Language Sciences Lab
2010 — 2011
Harvard University
Cambridge, MA
- *P.I.:* Maria Polinsky

Research Assistant, Speech and Language Perception Lab
2009 — 2010
Emory University
Atlanta, GA
- *P.I.:* Lynne Nygaard

B.A. in Physics and Music, *Magna Cum Laude*
2004 — 2008
Middlebury College
Middlebury, VT
- *Advisor:* Jeff Dunham
- *Thesis:* Geometric Algebra in Relativistic and Non-Relativistic Physics

FUNDING

NIH NRSA F32: *Syntactic Control of Lexical Activation during Speech*
2022 — 2025
NIDCD Award No. F32DC019533

NSF Graduate Research Fellowship (GRFP)
2012 — 2017

UC San Diego Collaboratories Fellowship ($10,000)
2015 — 2016

UC San Diego David Swinney Fellowship ($2,500)
2013 — 2014

Museu Parense Emílio Goeldi - Indigenous Brazilian Languages Grant
2012

PUBLICATIONS *(*co-first author)*

Morgan, AM, Devinsky O, Doyle, W, Dugan, P, Friedman, D, & Flinker, A (*Submitted*). From single words to sentence production: Shared cortical representations but distinct temporal dynamics. *BioRχiv.* https://doi.org/10.1101/2024.10.30.621177

Morgan, AM, Devinsky O, Doyle, W, Dugan, P, Friedman, D, & Flinker, A (*Under review*). A low-activity cortical network selectively encodes syntax. *BioRχiv.* https://doi.org/10.1101/2024.06.20.599931

Morgan, AM & Ferreira, VS (2022). Still no evidence for audience design in syntax: Resumptive pronouns are not the exception. *Journal of Memory and Language.* https://doi.org/10.1016/j.jml.2022.104368

*Kleinman, D, **Morgan, AM**, Ostrand R, & Wittenberg E (2022). Lasting effects of the COVID-19 pandemic on language processing. *PLOS One.* https://doi.org/10.1371/journal.pone.0269242

Sarvasy, HS, **Morgan, AM**, Yu, J, Ferreira, VS, & Momma, S (2022). Cross-Clause Planning in Nungon (Papua New Guinea): Eye-tracking Evidence. *Memory and Cognition.* https://doi.org/10.3758/s13421-021-01253-3

Morgan, AM (2022). The That-Trace Effect and Island Boundary-Gap Effect are the same: Null Hypothesis Significance Testing demonstrates equivalence in a psychometric paradigm. *Glossa Psycholinguistics.* https://doi.org/10.5070/G601140

Morgan, AM & Ferreira, VS (2021). Beyond input: Language learners produce novel relative clause types without exposure. *Journal of Cognitive Psychology.* https://doi.org/10.1080/20445911.2021.1928678

Morgan, AM, von der Malsburg, T, Ferreira, VS, & Wittenberg, E (2020). Shared syntax between comprehension and production: Multi-paradigm evidence that resumptive pronouns hinder comprehension. *Cognition, 205*, 104417. https://doi.org/10.1016/j.cognition.2020.104417

Fadlon, J, **Morgan, AM**, Meltzer-Asscher, A, & Ferreira, VS (2019). It depends: Optionality in the production of filler-gap dependencies. *Journal of Memory and Language.* https://doi.org/10.1016/j.jml.2019.02.005

Kaestner, E, **Morgan, AM**, Snider, J, Zhan, M, Jiang, X, Levy, R, Ferreira, VS, Thesen, T, & Halgren, E (2018). Toward a database of intracranial electrophysiology during natural language presentation. *Language, Cognition and Neuroscience*: 1-10. https://doi.org/10.1080/23273798.2018.1500262

Morgan AM & Wagers M (2018). English resumptive pronouns are more common where gaps are least acceptable. Linguistic Inquiry 49:4: 861-876. https://doi.org/10.1162/ling_a_00293

Ferreira, VS, **Morgan AM**, & Slevc, LR (2018). Grammatical Encoding. In Gaskell (Ed.), Oxford Handbook of Psycholinguistics 2nd Edition. Oxford: Oxford University Press.

Clemens, LE, Coon J, Mateo Pedro, P, **Morgan, AM**, Polinsky, M, Tandet, G, & Wagers, M (2014). Ergativity and the complexity of extraction: A view from Mayan. Natural Language & Linguistic Theory 33.2: 417-467. https://doi.org/10.1007/s11049-014-9260-x

Polinsky, M, Clemens, LE, **Morgan, AM**, Xiang, M, & Heestand, D (2013). Resumption in English. In Sprouse (Ed.), Experimental Syntax and Island Effects.

Polinsky, M, Gallo, CG, Graff, P, Kravtchenko, E, **Morgan, AM**, & Sturgeon, A (2013). Subject islands are different. In Sprouse (Ed.), Experimental Syntax and Island Effects.

DIVERSITY, EQUITY, & INCLUSION

2022—   **Clear Direction Mentoring (CDM)**
Senior Advisor (2024–present), Vice President (2023–24), Mentor (2022—present)
- I volunteer for a non-profit that aims to diversify STEM by addressing leaky pipeline issues. We pair high schoolers from underrepresented backgrounds with career scientist mentors, helping our fellows apply for college, financial aid, and internships, and supporting them as they navigate family, financial, and social obstacles to a STEMM career. I have mentored two fellows in my three years with CDM, and have additionally served in a leadership role for the past two years.

2014—2019   **UC San Diego Equity, Diversity, and Inclusion Advisory Council**
Psychology Department Representative
- On this subcommittee of the UCSD Graduate Student Association, I organized workshops on diversity and implicit bias, led a diversity flyering campaign, and worked on policy to advocate for undocumented students, student workers, and to address bias, underrepresentation, and inequity on the UCSD campus.

TEACHING

As Instructor

2018   UCSD PSYC 164: Cognitive Development

As Teaching Assistant

2019   UCSD PSYC 134: Eating Disorders

2018   UCSD PSYC 169: Criminology
            UCSD PSYC 153: Psychology of Emotion

2017	UCSD PSYC 4: Behavioral Psychology
2016	UCSD PSYC 134: Eating Disorders
2015	UCSD PSYC 101: Developmental Psychology UCSD PSYC 105: Cognitive Psychology
2013	UCSD PSYC 103: Mechanisms of Animal Behavior UCSC LING 101: Syntactic Structures

TALKS

2024	**Society for Neuroscience (SfN)**, Neural Mechanisms of Language Production and Comprehension (Nanosymposium). Low-activity coding of syntax during language production.	*Chicago, IL*
	Intracranial EEG Seminar Series, NYU School of Medicine. The neural dynamics of sentence production: ECoG reveals sentence-specific networks and temporal patterns.	*New York, NY*
2023	**Society for Neuroscience (SfN),** Neural Circuits and Mechanisms of Language and Cognition (Nanosymposium). The neural dynamics of sentence production – ECoG reveals sentence-specific networks and temporal patterns.	*Washington DC*
2021	**Society for the Neurobiology of Language (SNL)**. Visualizing lexical activation during speech production.	*Virtual*
2019	**Chang Lab**, Department of Neurosurgery, UC San Francisco. Learning and Representing Syntactic Structure.	*San Francisco, CA*
2018	**California Meeting on Psycholinguistics (CAMP)**, UCLA. Subcategorization Preferences of Verbs Reveal Syntactic Processing in Evoked Intracranial Potentials.	*Los Angeles, CA*
	Architectures and Mechanisms for Language Processing (AMLaP), University of Hyderabad, India. This is the Structure that We Wonder Why Anyone Produces it: Resumptive Pronouns in English Hinder Sentence Comprehension.	*Hyderabad, India*
	Pronouns in Competition Workshop, UC Santa Cruz. English resumptive pronouns hinder sentence comprehension.	*Santa Cruz, CA*
	California Meeting on Psycholinguistics (CAMP), UCLA. This is the Structure that We Wonder Why Anyone Produces it: Resumptive Pronouns in English Hinder Sentence Comprehension.	*Los Angeles, CA*

Year		Location
2017	**CUNY Conference on Human Sentence Processing**, Massachusetts Institute of Technology (MIT). Knowledge of a Syntactic Universal Guides Generalization to New Structures.	*Cambridge, MA*
2016	**Center for Research in Language**, UC San Diego. Resumptive Pronouns: What can we learn from an "ungrammatical" construction about grammar, sentence planning, and language acquisition?	*San Diego, CA*
2012	**David Rockefeller Center for Latin American Studies**, Harvard University. New approaches to linguistic work in Mesoamerican communities.	*Cambridge, MA*
	Linguistic Society of America Annual Meeting. Experimental design for field linguistics.	*Portland, OR*
2011	**Universidad Indercultural de Tabasco, México**. Ergatividad y ambigüedad: procesamiento de cláusulas relativas en chol. (Ergativity and ambiguity: Processing relative clauses in Ch'ol.)	*Tabasco, Mexico*

POSTERS

Year		Location
2024	**International Workshop on Language Production (IWoLP)**. Low-activity distributed brain networks encode syntax during sentence production.	*Marseille, France*
2023	**Cognitive Neuroscience Society (CNS)**. Tracking word planning during sentence production with ECoG.	*San Francisco, CA*
	Society for the Neurobiology of Language (SNL). The neural dynamics of sentence production: ECoG reveals sentence-specific networks and temporal patterns.	*Marseille, France*
2022	**Society for the Neurobiology of Language (SNL)**. Tracking lexical access during sentence production.	*Philadelphia, PA*
	Cognitive Neuroscience Society (CNS). Visualizing lexical activation during speech production.	*San Francisco, CA*
	Human Sentence Processing (HSP). Visualizing lexical retrieval during speech production with ECoG.	*Virtual*
2021	**Society for Neuroscience (SfN)**. Visualizing lexical activation during speech production.	*Chicago, IL*
2020	**Architectures and Mechanisms of Language Processing (AMLaP)**. Non-linguistic context affects processing of ambiguous speech.	*Potsdam, Germany*

CUNY Conference on Human Sentence Processing, University of *Amherst, MA*
Massachusetts, Amherst. Subject gaps are not inherently worse than object gaps in islands: Experimental evidence unifying *that*-trace effects and subject-object gap asymmetries in islands.

2018 **Architectures and Mechanisms of Language Processing (AMLaP)**. Learners *Berlin,*
generate unencountered novel structures by drawing on knowledge of a *Germany*
universal.

CUNY Conference on Human Sentence Processing, UC Davis. This is the *Davis, CA*
structure that we wonder why anyone produces it: Resumptive Pronouns in English hinder sentence comprehension.

CUNY Conference on Human Sentence Processing, UC Davis. This is the *Davis, CA*
structure that we wonder why anyone produces it: Resumptive Pronouns in English hinder sentence comprehension.

2017 **CUNY Conference on Human Sentence Processing**, Massachusetts Institute *Cambridge,*
of Technology (MIT). This is the structure that we wonder why anyone *MA*
produces it: Resumptive pronouns in English help production but hinder sentence comprehension.

CUNY Conference on Human Sentence Processing, Massachusetts Institute *Cambridge,*
of Technology (MIT). English and Hebrew Speakers use Language-Specific *MA*
Strategies to Produce Communicatively Efficient Relative Clauses.

2016 **Architectures and Mechanisms for Language Processing (AMLaP)**. *Bilbao, Spain*
Resumptive Pronouns Hinder Sentence Comprehension in English.

2015 **Architectures and Mechanisms for Language Processing (AMLaP)**. *Valletta, Malta*
Acceptability Monitoring's Role in Resumptive Pronoun Production.

Linguistic Society of America (LSA) Summer Institute, University of Chicago. *Chicago, IL*
Individual Differences in the Production and Judgment of Islands and Domain General Cognitive Abilities.

2014 **Architectures and Mechanisms for Language Processing (AMLaP)**. English *Edinburgh,*
Resumptive Pronouns are Predicted by Bare-Bones Syntax. *Scotland*

2013 **Architectures and Mechanisms for Language Processing (AMLaP)**. Gap *Marseille,*
Acceptability Predicts Resumption Rates in English. *France*

CONFERENCE ORGANIZATION

Co-organizer & Chair

2019   Organized Session at the 2019 Annual Meeting of the Linguistic Society   *New York, NY*
        of America (LSA). With Savi Namboodiripad and Dave Kush

EDITORIAL WORK

Ad Hoc Reviewer

2024   Nature Scientific Reports
        Frontiers in Language Sciences

2022   Nature
        Glossa Psycholinguistics
        Human Sentence Processing (HSP)

2021   PLOS One

2020   Cognition
        Journal of Neuroscience

2020   National Science Foundation

2019   Linguistic Inquiry
        Frontiers in Psychology
        Memory and Cognition

2018   Canadian Journal of Linguistics

OUTREACH & POPULAR MEDIA CONTRIBUTIONS

Wittenberg, E & **Morgan, AM** (2021). The mistakes that we deny that we make them. *Babel: The Language Magazine.* https://babelzine.co.uk/babel-number-36-august-2021/

Morgan, AM (2016). Op-Ed: Open letter to UCSD Faculty, Administrators, Graduate Students, and TAs. *The UCSD Guardian.* https://ucsdguardian.org/2016/11/21/op-ed-open-letter-to-ucsd-faculty-administrators-graduate-students-and-tas/

PRESS

Nature Reviews Psychology, by Teresa Schubert (2022). *Extended speech planning in Nungon.* https://doi.org/10.1038/s44159-022-00055-x

Austria Presse Agentur (2022). *Psychologists found traces of the Covid pandemic in language processing (Psychologne fanden Spuren der Covid-Pandemie in Sprachverarbeitung).* https://science.apa.at/power-search/14164150806562577733

Science.ORF.at (2022). *The pandemic is also changing language (Pandemie verändert auch die Sprache).* https://science.orf.at/stories/3214252/

HVG (2022). *Even language has been reshaped by the coronavirus epidemic: we understand speech differently (Még a nyelvet is átformálta a koronavírus-járvány, máshogy értjük a beszédet).* https://hvg.hu/tudomany/20220617_emberi_nyelv_valtozasa_kommunikacio_koronavirus_jarvany

LINGUISTIC FIELD WORK

Tupari (Tupi), 2012   Rondônia, Brazil

Preliminary documentation of Tupari in an indigenous reserve. Work with Dr. Denny Moore of Museu Parense Emílio Goeldi, with grant funding from the Museu Goeldi.

Ch'ol (Mayan), 2011   Chiapas, Mexico

Ran a language processing experiment with speakers of an ergative, VSO language. Work with the Harvard University Polinsky Language Sciences Lab.

Q'anjob'al (Mayan), 2011   Santa Eulalia, Guatemala

Ran a language processing experiment with speakers of an ergative, VOS language. Work with the Harvard University Polinsky Language Sciences Lab.

OTHER SKILLS

Human languages

Native: American English
Fluent: Brazilian Portuguese
Conversational (at one point, anyway): Yiddish, Spanish, Italian

Computer languages

- R
- Python
- Matlab
- Praat
- JavaScript
- PHP/HTML