Adam M. Morgan

he/him

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EDUCATION & TRAINING

2020— **Postdoctoral Fellow in Neurology**
NYU Grossman School of Medicine
P.I.: *Adeen Flinker*

2013—2019 **Ph.D. in Experimental Psychology**
UC San Diego
P.I.: *Victor S. Ferreira*
Dissertation: *The mental representation of syntax: Interfaces with production, comprehension, and learning*

2011—2013 **M.A. in Linguistics**
UC Santa Cruz
Advisor: *Matthew Wagers*
Thesis: *Bridging the gap between acceptability and production of English resumptive pronouns*

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

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

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

FUNDING

2022—2025 **NIH NRSA F32:** *Syntactic control of lexical activation during speech*
NIDCD Award No. F32DC019533

2012—2017 **NSF Graduate Research Fellowship**

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

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

2012 **Museu Parense Emílio Goeldi - Indigenous Brazilian Languages Grant**

PUBLICATIONS *(*co-first author)*

Morgan, AM, Devinsky O, Doyle, W, Dugan, P, Friedman, D, & Flinker, A (In prep.). Decoding words from neural activity during sentence production and picture naming: Shared cortical organization but distinct temporal dynamics.

Morgan, AM, Devinsky O, Doyle, W, Dugan, P, Friedman, D, & Flinker, A (Under review). A low-activity cortical network selectively encodes syntax. [Article] [PDF]

Morgan, AM & Ferreira, VS (2022). Still no evidence for audience design in syntax: Resumptive pronouns are not the exception. *Journal of Memory and Language*. [Article] [PDF]

*Kleinman, D, **Morgan, AM**, Ostrand R, & Wittenberg E (2022). Lasting effects of the COIVD-19 pandemic on language processing. *PLOS One*. [Article] [PDF]

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*. [Article] [PDF]

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*. [Article] [PDF]

Morgan, AM & Ferreira, VS (2021). Beyond input: Language learners produce novel relative clause types without exposure. *Journal of Cognitive Psychology*. [Article] [PDF]

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. [Article] [PDF]

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*. [Article] [PDF]

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. [Article] [PDF]

Morgan AM & Wagers M (2018). English resumptive pronouns are more common where gaps are least acceptable. Linguistic Inquiry 49:4: 861-876. [Article] [PDF]

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

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. [Article] [PDF]

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

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. [PDF]

DIVERSITY, EQUITY, & INCLUSION

2022—   **Clear Direction Mentoring (CDM)**
Senior Advisor (2024–25), 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 a number of workshops, led a diversity flyering campaign, and worked on policy to advocate for undocumented students, student workers, and to address bias, underrepresentation, and inequity on 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   Low-activity coding of syntax during language production. Neuroscience (SfN) 2024: Neural Mechanisms of Language Production and Comprehension (Nanosymposium). Chicago, USA. (Work with Werner Doyle, Orrin Devinsky, Patricia Dugan, Daniel Friedman, and Adeen Flinker.)

The neural dynamics of sentence production: ECoG reveals sentence-specific networks and temporal patterns. Intracranial EEG Seminar. NYU School of Medicine, New York, USA. (Work with Werner Doyle, Orrin Devinsky, Patricia Dugan, Daniel Friedman, and Adeen Flinker.)

2023   The neural dynamics of sentence production – ECoG reveals sentence-specific networks and temporal patterns. Neuroscience (SfN) 2023: Neural Circuits and Mechanisms of Language and Cognition (Nanosymposium). Washington DC, USA. (Work with Werner Doyle, Orrin Devinsky, Patricia Dugan, Daniel Friedman, and Adeen Flinker.)

2021   Visualizing lexical activation during speech production. Annual Meeting of the Society for the Neurobiology of Language (SNL). (Work with Werner Doyle, Orrin Devinsky, and Adeen Flinker)

2019   Learning and Representing Syntactic Structure. UCSF Chang Lab, Department of Neurosurgery, UC San Francisco, USA.

2018   Subcategorization Preferences of Verbs Reveal Syntactic Processing in Evoked Intracranial Potentials. California Meeting on Psycholinguistics (CAMP), UCLA, USA. (Work with Erik Kaestner, Victor S. Ferreira, Meilin Zhan, and Eric Halgren)

This is the Structure that We Wonder Why Anyone Produces it: Resumptive Pronouns in English Hinder Sentence Comprehension. Architectures and Mechanisms for Language Processing (AMLaP Asia), University of Hyderabad, India. (Work with Titus von der Malsburg, Victor S. Ferreira, and Eva Wittenberg)

English resumptive pronouns hinder sentence comprehension. Pronouns in Competition Workshop, UC Santa Cruz, Santa Cruz, USA. (Work with Titus von der Malsburg, Victor S. Ferreira, and Eva Wittenberg)

…   This is the Structure that We Wonder Why Anyone Produces it: Resumptive Pronouns in English Hinder Sentence Comprehension. California Meeting on Psycholinguistics (CAMP), UCLA, USA. (Work with Titus von der Malsburg, Victor S. Ferreira, and Eva Wittenberg)

2017   Knowledge of a Syntactic Universal Guides Generalization to New Structures. The 30th Annual CUNY Conference on Human Sentence Processing, MIT, Boston, USA. (Work with Victor S. Ferreira)

2016   Resumptive Pronouns: What can we learn from an "ungrammatical" construction about grammar, sentence planning, and language acquisition? UC San Diego Center for Research in Language, San Diego, USA.

2012   New approaches to linguistic work in Mesoamerican communities. David Rockefeller Center for Latin American Studies: Mexico and Central America Program Speaker Series, Harvard University, Boston, USA. (Work with Jessica Coon, Lauren Eby Clemens, Pedro Mateo Pedro, Maria Polinsky, and Gabrielle Tandet.)

Experimental design for field linguistics. Linguistic Society of America Annual Meeting, Portland, Oregon, USA. (Work with Lauren Eby Clemens, Jessica Coon, Peter Graff, Pedro Mateo Pedro, Maria Polinsky, and Nicolás Arcos López)

2011   Ergatividad y ambigüedad: procesamiento de cláusulas relativas en chol. Universidad Indercultural de Tabasco, Tabasco, Mexico. (Work with Jessica Coon and Pedro Mateo Pedro)

POSTERS

2024   **Morgan, AM**, Doyle, W, Devinsky, O, & Flinker, A. Low-activity distributed brain networks encode syntax during sentence production. International Workshop on Language Production (IWoLP), Marseille, France.

2023   **Morgan, AM**, Doyle, W, Devinsky, O, & Flinker, A. The neural dynamics of sentence production: ECoG reveals sentence-specific networks and temporal patterns. Society for the Neurobiology of Language (SNL), Marseille, France.

       Morgan, AM, Doyle, W, Devinsky, O, & Flinker, A. Tracking word planning during sentence production with ECoG. Cognitive Neuroscience Society (CNS), San Francisco.

2022   **Morgan, AM**, Doyle, W, Devinsky, O, & Flinker, A. Tracking lexical access during sentence production. Society for the Neurobiology of Language (SNL), Philadelphia.

       Morgan, AM, Doyle, W, Devinsky, O, & Flinker, A. Visualizing lexical activation during speech production. Cognitive Neuroscience Society (CNS), San Francisco.

       Morgan, AM, Doyle, W, Devinsky, O, & Flinker, A. Visualizing lexical retrieval during speech production with ECoG. Human Sentence Processing (HSP), Santa Cruz.

2021   **Morgan, AM**, Doyle, W, Devinsky, O, & Flinker, A. Visualizing lexical activation during speech production. Annual Meeting of the Society for Neuroscience (SfN), Chicago.

2020   Kleinman, D, Ostrand, R, **Morgan, AM**, & Wittenberg, E. Non-linguistic context affects processing of ambiguous speech. Architectures and Mechanisms of Language Processing (AMLaP), Potsdam, Germany.

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

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

   Morgan, AM, von der Malsburg T, Ferreira VS, & Wittenberg E. This is the structure that we wonder why anyone produces it: Resumptive Pronouns in English hinder sentence comprehension. Presented at the 2018 CUNY Conference on Human Sentence Processing, MIT, Boston.

   Morgan, AM, von der Malsburg T, Ferreira VS, & Wittenberg E. This is the structure that we wonder why anyone produces it: Resumptive Pronouns in English hinder sentence comprehension. Presented at the 2018 CUNY Conference on Human Sentence Processing, MIT, Boston.

2017   **Morgan, AM**, von der Malsburg T, Ferreira VS, & Wittenberg E. This is the structure that we wonder why anyone produces it: Resumptive pronouns in English help production but hinder sentence comprehension. Presented at the 2017 CUNY Conference on Human Sentence Processing, MIT, Boston.

   Fadlon, J, **Morgan AM**, Meltzer-Asscher A, & Ferreira VS. English and Hebrew Speakers use Language-Specific Strategies to Produce Communicatively Efficient Relative Clauses. Presented at the 2017 CUNY Conference on Human Sentence Processing, MIT, Boston.

2016   **Morgan, AM**, von der Malsburg T, Ferreira VS, & Wittenberg E. Resumptive Pronouns Hinder Sentence Comprehension in English. Presented at the 2016 Conference of Architectures and Mechanisms for Language Processing (AMLaP), Bilbao, Spain.

2015   **Morgan, AM** & Ferreira VS. Acceptability Monitoring's Role in Resumptive Pronoun Production. Presented at the Conference of Architectures and Mechanisms for Language Processing (AMLaP), Valletta, Malta.

   Morgan, AM & Ferreira VS. Individual Differences in the Production and Judgment of Islands and Domain General Cognitive Abilities. Presented at the 2015 Linguistic Society of America Summer Institute, University of Chicago, USA.

2014   **Morgan, AM**. English Resumptive Pronouns are Predicted by Bare-Bones Syntax. Presented at the Conference of Architectures and Mechanisms for Language Processing (AMLaP), Edinburgh, Scotland.

2013   **Morgan, AM** & Wagers M. Gap Acceptability Predicts Resumption Rates in English. Presented at the Conference of Architectures and Mechanisms for Language Processing (AMLaP), Marseille, France

EDITORIAL WORK & CONFERENCE ORGANIZATION

Co-organizer & Chair	Cross-linguistic Variation in Island Phenomena (Organized Session at the 2019 Annual Meeting of the Linguistic Society of America). With Savi Namboodiripad and Dave Kush
Ad Hoc Reviewer	*Nature Scientific Reports* (2024) *Frontiers in Language Sciences* (2024) *Nature* (2022) *Glossa Psycholinguistics* (2022) *Human Sentence Processing* (2022) *PLOS One* (2021) *Cognition* (2020) *Journal of Neuroscience* (2020) *National Science Foundation* (2019) *Linguistic Inquiry* (2019) *Frontiers in Psychology* (2019) *Memory and Cognition* (2019) *Canadian Journal of Linguistics* (2018-19)

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

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*

Nature Reviews Psychology, by Teresa Schubert (2022). *Extended speech planning in Nungon.*

    🔗 *https://doi.org/10.1038/s44159-022-00055-x*

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