

# Angela Y. Cao

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## Education

<b>Ph.D. Linguistics and Computer Science</b> (joint degree), University of Rochester Advised by Aaron White.	2023–Present
<b>M.Sc. Linguistics</b> , University of Edinburgh Advised by Dan Lassiter.	2022–2023
<b>B.A. Linguistics, B.A. Mathematics</b> , <i>summa cum laude</i> , Emory University Advised by Jinho Choi.	2018–2022

## *Non-degree Study*

Cornell, Maryland, Max Planck Pre-Doctoral School in Computer Science	SU 2023
71st Linguistics Institute, Linguistics Society of America	SU 2023
European Summer School in Logic, Language, and Information	SU 2022

## Experience

### *Research*

<b>Graduate Researcher</b> , UR's Formal and Computational Semantics (FACTS) Lab	2022–Present
<b>Research Assistant</b> , Emory's Natural Language Processing Lab	2020–2022
<b>NSF REU Intern</b> , Stanford's Center for the Study of Language and Information (CSLI)	SU 2021

### *Teaching*

<b>Teaching Assistant</b> , QTM-190: Data Science for Beginners, Emory University	SP & FA 2021
<b>Math Tutor</b> , Mathnasium at Decatur	2018–2021
<b>Peer Mentor</b> , LING-201: Introduction to Linguistics, Emory University	FA 2020

### *Other*

<b>Administrative Assistant</b> , Emory University's Department of English	2018–2022
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## Publications

### *Proceedings*

**Angela Cao\***, Atticus Geiger\*, Elisa Kreiss\*, Thomas Icard, and Tobias Gerstenberg (2023). A semantics for causing, enabling, and preventing verbs using structural causal models. Proceedings of the 45th Annual Conference of the Cognitive Science Society.

*Forthcoming*. **Angela Cao** and Madison Liotta (2023). Negation and negative polarity items in Tigrinya. University of Pennsylvania Working Papers in Linguistics (PWPL), vol 29.1.

**Angela Cao**, Gregor Williamson, and Jinho D. Choi (2022). A cognitive approach to annotating causal constructions in a cross-genre corpus. Proceedings of the 16th Linguistic Annotation Workshop (LAW) at LREC.

\* indicates equal contribution

## Talks & Posters

**CogSci 45** at Sydney, Australia July 2023  
Poster on 'A Semantics for Causing, Enabling, and Preventing Verbs Using Structural Causal Models'  
Angela Cao, Atticus Geiger, Elisa Kreiss, Thomas Icard, and Tobias Gerstenberg

**LELPGC 23** at University of Edinburgh, UK June 2023  
Poster on 'Make and Force as Gradable Causatives'  
Angela Cao

**LAW 16** at LREC, Marseilles, France June 2022  
Talk on 'A Cognitive Approach to Annotating Causal Constructions in a Cross-Genre Corpus'  
Angela Cao, Gregor Williamson, and Jinho D. Choi

**EULC 3** at Emory University, USA April 2022  
Talk on 'Annotating Causal Language Constructions in Diverse Discourse Data'  
Angela Cao

**PLC 46** at University of Pennsylvania, USA March 2022  
Talk on 'Negation and Negative Polarity Items in Tigrinya'  
Angela Cao and Madison Liotta

## Theses

B.A. Thesis: "An Analysis of Causal Language Constructions in Diverse Discourse Data" 2022  
Advised by Jinho D. Choi

## Awards

### *General*

Rising Star, The Linguist List 2023

Honorable Mention (Psychology), NSF GRFP 2023

Edinburgh Award for Student Leadership	2023
Undergraduate Fellow, Emory Center for Mind, Brain, & Culture	2021–2022
Math Modelling Honors, Emory University MathemAtics Association	2020

### Grants

Linguistics Doctoral Assistantship, University of Rochester	2023–2028
Attendance Grant, Cornell, Maryland, Max Planck Pre-doctoral Research School	2023
Attendance Grant for the 2023 LSA Institute, Georgia Institute of Technology	2023
Tuition Grant, European Summer School in Logic, Language, and Information	2022
Research Grant, Emory Center for Mind, Brain, & Culture	2022
Research Grant, Emory Undergraduate Research Programs	2020 & 2021
Edward G. Scruggs Scholarship, Emory University	2019

### Service

Organizer, Reading Group in Probabilistic Cognitive Modelling @ UoE	SP 2023
M.Sc. Linguistics Program Representative, University of Edinburgh	2022-2023
Website Coordinator, Language Lunch at the University of Edinburgh	2022-2023
Vice President, Phi Sigma Iota Honor Society	2022
Volunteer, Emory Undergraduate Linguistics Conference 3	2022
Research Ambassador, Emory Undergraduate Research Programs	FA 2021

### Language

Human: Mandarin (fluent), French (intermediate), Tigrinya (elicitation)

Programming: Python, R, Java, HTML, CSS, JavaScript, WebPPL

Frameworks/Tools: NumPy, Pandas, PyTorch, spaCy, L<sup>A</sup>T<sub>E</sub>X