

Tiana V. Simovic

Ph.D. Candidate in Cognitive Psychology

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Education

- 2020—now PH.D., Psychology, University of Toronto
Supervisor: Dr. Craig G. Chambers
- 2019—2020 M.A., Psychology, University of Toronto
Thesis Title: *Does Pronoun Resolution Incorporate Antecedent Semantics?*
Supervisor: Dr. Craig G. Chambers
- 2015 HON. B.Sc., Psychology, Philosophy (double major), Philosophy of Science (minor), University of Toronto
Thesis Title: *Concepts: Where Fodor went Wrong.*
Supervisor: Dr. Mohan Matthen

Peer-Reviewed Publications

Simovic, T. V., & Chambers, C. G. (2023). How do antecedent semantics influence pronoun interpretation? Evidence from eye movements. *Cognitive Science*, 47(2), e13251.
<https://doi.org/10.1111/cogs.13251>

Scholarships & Awards

- 2023—2025 SSHRC Doctoral Fellowship, University of Toronto (\$40,000 total; \$20,000/year)
2015 Gombay Prize in Philosophy, University of Toronto (\$250)

Conference Talks

- 2023 **Simovic, T. V.**, & Chambers, C. G. *The pragmatics of characters' mental perspectives in pronominal reference resolution.*
6th Workshop on Computational Models of Reference, Anaphora and Coreference (CRAC). Singapore.
- 2023 **Simovic, T. V.**, & Chambers, C. G. *Evaluating the strength of perspective-taking in pronoun resolution.*
64th Annual Meeting of the Psychonomic Society. San Francisco, CA, USA.
- 2023 Chambers, C. G., & **Simovic, T. V.** *Conceptual content and real-world coreference.*
Concepts in Action: Representation, Learning, and Applications (CARLA 2023). Montreal, QC, Canada.
- 2023 **Simovic, T. V.**, & Chambers, C. G. *Evaluating the strength of perspective information in pronominal reference resolution.*
33rd Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science. Guelph, ON, Canada.
- 2023 **Simovic, T. V.**, & Chambers, C. G. *Evaluating the strength of perspective information in discourse processing: Evidence from pronoun resolution.*
33rd Annual Meeting of the Society for Text and Discourse. Oslo, Norway.

- 2022 **Simovic, T. V., & Chambers, C. G.** *Drawing on perspective cues for pronominal reference resolution.*
63rd Annual Meeting of the Psychonomic Society. Boston, MA, USA.
- 2022 **Simovic, T. V., & Chambers, C. G.** *Using perspective cues in pronominal reference resolution during online reading.*
9th Experimental Pragmatics Conference (XPRAG). Pavia, Italy.
- 2022 **Simovic, T. V., & Chambers, C. G.** *Using perspective cues in pronominal reference resolution during online reading.*
32nd Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science. Halifax, NS, Canada.
- 2022 **Simovic, T. V., & Beekhuizen, B.** *Exploring how context changes the interpretation of novel noun compounds.*
32nd Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science. Halifax, NS, Canada.
- 2021 **Simovic, T. V., & Chambers, C. G.** *The role of prior discourse in the context of action: Insights from pronoun resolution.*
34th Annual CUNY Conference on Human Sentence Processing. Virtual.
- 2014 *Commentary on "Testimonial Trustworthiness".*
Philosophy Graduate/Undergraduate Conference, University of Toronto. Toronto, ON, Canada.

Conference Poster Presentations

- upcoming **Simovic, T. V., & Chambers, C. G.** *Pronoun interpretation reveals the robustness and flexibility of perspective reasoning.*
Experiments in Linguistic Meaning (ELM 3). Philadelphia, PA, USA.
- 2023 **Simovic, T. V., & Chambers, C. G.** *Drawing on perspective cues in pronoun resolution.*
45th Annual Meeting of the Cognitive Science Society. Sydney, Australia.
- 2023 **Simovic, T. V., & Chambers, C. G.** *Using perspective cues in pronoun resolution during online reading.*
36th Annual Conference on Human Sentence Processing. Pittsburgh, PA, USA.
- 2023 **Simovic, T. V., & Beekhuizen, B.** *Donkey drivers and animal teachers: How context modulates novel noun compound interpretation.*
36th Annual Conference on Human Sentence Processing. Pittsburgh, PA, USA.
- 2022 **Simovic, T. V., & Beekhuizen, B.** *Identifying the role of context in novel noun compound interpretation.*
12th International Conference on the Mental Lexicon. Niagara-on-the-Lake, ON, Canada.
- 2022 **Simovic, T. V., & Chambers, C. G.** *Perspective cue usage in pronominal reference resolution during online reading.*
28th Architectures and Mechanisms for Language Processing Conference (AMLaP). York, UK.
- 2022 **Simovic, T. V., & Beekhuizen, B.** *Identifying the role of context in novel noun compound interpretation.*
28th Architectures and Mechanisms for Language Processing Conference (AMLaP). York, UK.
- 2022 **Simovic, T. V., & Beekhuizen, B.** *Exploring context's role in the interpretation of novel noun compounds.*
44th Annual Meeting of the Cognitive Science Society. Toronto, ON, Canada.

- 2021 **Simovic, T. V.,** & Chambers, C. G. *Pronoun interpretation in the context of dynamic action: A test of the retrieval hypothesis.*
MK40 Conference: Common Knowledge, Common Ground, and Context in Communication. Virtual.
- 2021 **Simovic, T. V.,** & Chambers, C. G. *The role of prior discourse in the context of action: Insights from real-time referential processing.*
12th Dubrovnik Conference on Cognitive Science. Virtual.
- 2020 **Simovic, T. V.,** & Chambers, C. G. *Pronoun resolution does not depend on antecedent semantics.*
61st Annual Meeting of the Psychonomic Society. Virtual.
- 2020 **Simovic, T. V.,** & Chambers, C. G. *Pronoun interpretation in the context of dynamic actions.*
26th Architectures and Mechanisms for Language Processing Conference (AMLaP). Virtual.
- 2020 **Simovic, T. V.,** & Chambers, C. G. *Pronoun interpretation in the context of dynamic actions: A test of the reinstatement hypothesis.*
42nd Annual Meeting of the Cognitive Science Society. Virtual.

Area Group/Departmental Talks

- 2024 *Exploring the flexibility of social reasoning in language: Evidence from pronoun resolution.*
Cognitive Science of Language Group, University of Toronto.
- 2023 *How does social reasoning guide pronoun resolution?*
Brown Bag Speaker Series, Department of Psychology, University of Toronto Mississauga.
- 2022 *Perspective cues guide pronominal reference resolution in online reading.*
Cognitive Science of Language Group, University of Toronto.
- 2022 *Drawing on perspective cues for pronominal reference resolution.*
Perception, Cognition and Language Group, University of Toronto Mississauga.
- 2022 *Using perspective cues to guide pronominal reference interpretation.*
Brown Bag Speaker Series, Department of Psychology, University of Toronto Mississauga.
- 2022 *Banana chairs and cat trainers: How does context change the interpretation of novel noun compounds?*
Perception, Cognition and Language Group, University of Toronto Mississauga.
- 2022 *Exploring the role of context in the interpretation of novel noun compounds.*
Cognitive Science of Language Group, University of Toronto.
- 2021 *What is the role of antecedent semantics in pronoun resolution?*
Cognitive Science of Language Group, University of Toronto.
- 2021 *How does general cognition fit into real-time language comprehension?*
Brown Bag Speaker Series, Department of Psychology, University of Toronto Mississauga.
- 2021 *An introduction to corpus analysis for psycholinguistics using COCA.* Virtual workshop.
Perception, Action, & Language Laboratory, University of Toronto Mississauga.

2020 *How do attention and memory fit into real-time language comprehension?*
Memory & Attention Area Group, University of Toronto Mississauga.

2019 *Pronoun interpretation in the context of dynamic actions: A test of the reinstatement hypothesis.*
Perception, Cognition and Language Group, University of Toronto Mississauga.

Invited Talks

2022 *Exploring the role of context in the interpretation of novel noun compounds.* Brown Language and Thought Lab, Brown University.

Workshops & Courses Attended

2023 34th European Summer School in Logic, Language and Information (ESLLI). Ljubljana, Slovenia.
Courses: The probabilistic language of thought; Data perspectivism in computational linguistics; Limitations in NLP: Disagreements, misunderstandings, and other challenges

2022 *Advanced Bayesian data analysis.*
6th Summer School on Statistical Methods for Linguistics and Psychology (SMLP). Potsdam, Germany [competitive admission].

2021 *Introduction to Bayesian data analysis.*
5th Summer School on Statistical Methods for Linguistics and Psychology (SMLP). Virtual [competitive admission].

2021 32nd European Summer School in Logic, Language and Information (ESLLI). Virtual.
Courses: Probabilistic language understanding; Probabilistic semantics and inference under uncertainty in natural language; The computational nature of language

2021 CCP Spring Training in Experimental Psycholinguistics. Virtual.
Courses: An introduction to data analysis with the generalized additive model; Corpus-linguistic text processing with R

Academic Experience

TEACHING ASSISTANT, UNIVERSITY OF TORONTO

2020-now Cognition: The Machinery of the Mind
2022-now Cognitive Psychology Laboratory
2024-now Adult Language Processing
2019-now Introduction to Psychology
2022-2023 Special Topics in Cognition: Visual Cognition [*Seminar*]
2021-2023 Psycholinguistics
2021-2022 Children's Thinking: Cognitive Development in a Social World
2023 Language, Mind, & Brain
2023 Special Topics in Perception: Neurobiological Underpinnings Shape Sensory Perception [*Seminar*]
2023 Perception Laboratory
2022 Development of Epistemic Trust & Skepticism in Early Childhood [*Seminar*]
2021 Sensation and Perception: Where the World Meets the Brain
2020 Research Design and Analysis in Psychology I
2020 Introduction to Developmental Psychology
2020 Psychology of Language

2020 Introduction to Psychology of Human Communication

GUEST LECTURES

2024 JLP383 (Adult Language Processing): *Perspective taking and reasoning in reading.*
2022, 2024 PSY379 (Cognitive Psychology Laboratory): *Creating and Presenting a Research Proposal: Exploring the role of context in the interpretation of novel noun compounds*

OTHER ACADEMIC EMPLOYMENT

2020 Graduate Student Coordinator for Psychology and Cognitive Science, the Institutional Strategic Initiative Project on Language and Cognition, University of Toronto

ACADEMIC VOLUNTEERING & OUTREACH

2022-2023 Poster Judge, University of Toronto Mississauga Department of Psychology's Undergraduate Research Day Poster Session
2023 Academic Seminar Talk (title: *How do we understand what pronouns refer to?*) for the Society of Linguistics Undergraduate Students at the University of Toronto, St. George
2022 Tutorial Leader, University of Toronto Summer Psychology Research Initiative (SPRINT)
2014 Undergraduate Student Representative, Search Committee for Chair of the Department of Philosophy, University of Toronto Mississauga
2013-2014 President, Philosophy Academic Society, University of Toronto
2013-2015 Committee Member, Minorities and Philosophy Group, University of Toronto

Certifications

2018 Certificate in Teaching English to Speakers of Other Languages (CELTA), Pass A Grade *via* Cambridge Assessment

Select Work Experience

2019-now Teaching Assistant, University of Toronto
2021-2022 Freelance Textbook Content Developer, Top Hat
2017-2018 Marketing Specialist, VICE Media
2016-2017 Marketing Coordinator, VICE Media
2013-2016 Tutor, University of Toronto's *Modern Symbolic Logic* course
2010-2012 Stylist, Betsey Johnson

Technical Skills

R, Python, TEX, Experiment Builder, Eyelink Data Viewer, PsychoPy, Gorilla.sc, Qualtrics.

Languages

English — Native
Serbian/Croatian/Bosnian — Native

Last updated: April 20, 2024