

# FREDERICO B L PRADO

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## EDUCATION

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**Universidade Estadual de Campinas**

Jan 2014 - Jul 2017

B.A in Linguistics

Institute of Language Studies

**McMaster University**

Sep 2017 - 2019

Master of Science degree, Cognitive Science of Language Program

**McMaster University**

Sep 2019 - present

PhD Candidate, Cognitive Science of Language Program

## RESEARCH EXPERIENCE

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**McMaster University**

Sep 2019 - Ongoing

*PhD Thesis: Finite control in Brazilian Portuguese*

- Under supervision of Dr. Ivona Kučerová.
- Committee members: Dr. Alison Biggs, Dr. Jon Sprouse.
- A formal account of a syntactic cross-clausal dependency termed *Hyper-raising* in the literature.
- Major contributions of the thesis:
- I present a novel data set from Brazilian Portuguese that shows there is an empirical gap in the literature: formal models in the existing literature make incorrect predictions about hyper-raising.
- I show hyper-raising is not really raising in any way, but a control dependency.
- I address the empirical gap by demonstrating a formal implementation of a control model.
- Expected defence date: July 2023

**McMaster University**

Sep 2017 - Jul 2019

*Master's Thesis: Null Subjects in Brazilian Portuguese, an alternative approach*

- Under supervision of Dr. Ivona Kučerová.
- An analysis of null subject phenomena in Brazilian Portuguese that aims to give a new approach in light of new data on null subject in matrix clauses and WH-movement intervention effects.

**Universidade Estadual de Campinas**

May 2016 - May 2017

*Undergraduate thesis: Reassessing multiple adjectival modification in Pirahã*

- Under supervision of Dr. Filomena Sândalo .
- Conducted fieldwork with native Pirahã speakers at Humaitá, AM.
- Gathered data on adjective usage by employing predefined elicitation tests.
- Granted an undergrad research grant by CNPq - Brazilian National Council for Scientific and Technological Development.

## PRESENTATIONS AND EVENTS

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**The Canadian Linguistic Association**

Jun 2022

*2022 CLA meeting*

- Conference talk: *Movement across finite clause boundaries, the case of hyper raising in Brazilian Portuguese*

**The annual Montreal-Ottawa-Toronto-Hamilton Syntax Conference**

Apr 2022

*MOTH 2022*

- Conference talk: *Hyper raising in Brazilian Portuguese*

**The annual Montreal-Ottawa-Toronto-Hamilton Syntax Conference**

Apr 2021

*MOTH 2021*

- Conference talk: *Deriving the double subject in Brazilian Portuguese through anti-locality*

**The Canadian Linguistic Association**

Jun 2019

*2019 CLA meeting*

- Poster presented: *Brazilian Portuguese null subjects in light of a hybrid discourse-oriented system*

**Universidade de São Paulo**

Oct 2016

*V Workshop on Indigenous Languages*

- Conference talk: *Multiple adjectival modification in Pirahã*

**PROFESSIONAL EXPERIENCE**

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**McMaster University**

May 2022 - September 2022

*Research assistant*

- Research assistant at the Syntax Lab at the The Centre for Advanced Research in Experimental and Applied Linguistics (ARiEAL)
- Tasked with designing and implementing linguistic research experiments using eye tracking technology
- Further given the responsibility of writing reference materials for training future lab members in Eye Tracking research
- Using SR Research's EyeLink® toolkit
- Hardware: EyeLink Portable Duo
- Software: Experiment Builder
- Relevant programming languages: R (data wrangling, processing)
- Implemented experiments on syntactic dependencies and the processing effects of A versus A' dependencies

**McMaster University**

Sept 2017 - Present

*Teaching Assistant*

- Worked as a teaching assistant for the following courses:
- Introduction to Linguistics I (Marking, office hours)
- Syntax (Marking)
- Semantics (Marking)
- Structure of Modern English (Marking, teaching tutorials)

- Morphology (Marking, office hours)
- Pragmatics (Marking)

## Translating

2015-2018

### *Freelance translating*

- Worked seasonally on freelance contracts as a translator (English/Portuguese)
- Initially worked translating and proofreading dissertations for graduate students at the Institute of Electrical Engineering at the State University of Campinas
- Translated and proofread the documentation of the R Package SADS.
- Translated and proofread texts and documentation for two art exhibitions: *Fields of Invisibility* and *The Other Transatlantic* (São Paulo, Brazil).

## RELEVANT COURSES

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### Core Courses: Undergrad

Syntax and Syntax Theory  
Models in phonology  
Psycholinguistics  
Brazilian indigenous languages  
Language acquisition

### Other Courses: Undergrad

Microeconomics I  
Calculus 101  
Probability and Statistics  
Japanese language (6 semesters)  
General economic history

### Core Courses: Graduate

Fundamentals of the Cognitive Neuroscience of Language I and II  
Laboratory Methods of Visual Language Research  
Language Analysis Methods: Syntax and Semantics  
Advanced Syntax and Semantics

## SKILLS

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### Technology

- Proficient user of L<sup>A</sup>T<sub>E</sub>X.
- Working knowledge of GNU/Linux operating systems.
  - Knows how to design and implement linguistic experiments using the IBEX platform.
  - Experience designing and implementing eye-tracking experiments using Eyelink software and hardware.
  - Knows data wrangling, processing and analysis methods using R.
  - Practical knowledge of BASH scripting and git.
  - Comfortable doing linguistic fieldwork.

### General

- Analytical training highly focused on dealing with pattern recognition and evaluating different theories in their predictive power.
- Used to going through the full extent of a research project pipeline: stating questions and choosing methodology, reviewing the literature, collecting and analyzing data, hypotheses testing and presenting results in a concise and accurate fashion.
- Used with self-teaching new interfaces, paradigms and tools on the go - used to working in a interdisciplinary field intersecting theoretical linguistics and cognitive science.

- Interdisciplinary training focused on statistics, cognitive science, formal linguistics and neuroscience.
- Proficient literature researcher, can search for and summarize existing theories on a given topic/field with very little input.
- Comfortable presenting complex research, authorial or not, to different audiences with varying degrees with complexity.

### **Languages**

Native: Portuguese — Fluent: English (IELTS: 8 band overall score for General Training)  
—Studied: Japanese, French, Spanish— Investigated: Pirahã