

**César Bardomiano Martínez**  
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## Education

- 2020-Present    **PhD Candidate**, Department of Mathematics and Statistics, University of Ottawa  
*Supervisor*: Dr. Simon Henry
- 2019            **M.Sc. Mathematics**, Department of Mathematics, University of Western Ontario
- 2011-2015      **B.Sc. Mathematics**, Faculty of Science, National Autonomous University of Mexico (UNAM). Mexico City, Mexico.  
*Thesis project*: The big lattice of preradicals. Supervised by Dr. Alejandro Alvarado.

## Preprints

- 2022    Limits and colimits of synthetic  $(\infty,1)$ -categories. arXiv:2202.12386.

## Talks

- February 2022    Limits and colimits of synthetic  $(\infty,1)$ -categories. Logic Seminar, University of Ottawa.
- November 2022    A first look into infinity categories. Graduate students colloquium, University of Ottawa.
- August 2021      Univalent foundations of mathematics. Graduate students colloquium, University of Ottawa.
- November 2019    *Sheaves and Etale spaces*. Graduate students seminar. Department of mathematics, UWO.
- April 2016        *Fibred Categories*. Seminar of Category Theory. Institute of Mathematics, UNAM.
- October 2015      *The Big Lattice of Preradicals*. Annual meeting of the Mexican Mathematical Society. Sonora, México.

## Conferences attended

- July 2022         School on univalent mathematics. Cortona, Italy
- October 2015      Annual meeting of the Mexican Mathematical Society. Sonora, México.
- September 2015    First Joint International Meeting of the Israel Mathematical Union and the Mexican Mathematical Society. Oaxaca, México.

## Teaching experience

### As Teaching Assistant at University of Ottawa

2021-Present     Calculus, Linear algebra, Mathematical reasoning and proofs. Tutorials and marking duties. Most of them taught more than once.

### As Teaching Assistant at The University of Western Ontario

2019     Calculus, methods of matrix algebra, methods of finite mathematics. Marking duties and discussion sessions

### Course Instructor at Faculty of Higher Studies Acatlan, UNAM Superior Algebra.

2018     *Main responsibilities:* Lectures, Tests and Assignments elaboration.

### Course Instructor at Faculty of Science, UNAM

Linear Algebra I.

*Main responsibilities:* Lectures, Tests and Assignments elaboration.

### As Teaching Assistant at Faculty of Science, UNAM

2016 - 2018     Linear algebra, number theory I, algebra I, algebra II. Tutorials and marking duties.

## Additional Training and other activities

Winter 2019     Mentor for the Directed Reading Program for undergraduate students in mathematics at the University of Western Ontario

August 2019     Teaching Assistant Training Program. Centre for Teaching and Learning, University of Western Ontario

## Languages

Spanish: Mother tongue.

English: Proficient.