

Victoria Noquez

CONTACT INFORMATION

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RESEARCH INTERESTS

Model Theory: strong minimality in continuous logic, characterizations of uncountable categoricity in continuous logic.

EDUCATION

University of Illinois at Chicago

Ph.D. Candidate, Mathematics

- Advisor: Dr. David Marker

University of California, Los Angeles

M.A. in Mathematics, December 2009

Carnegie Mellon University

B.S. in Mathematical Sciences, May 2008

- Additional Major in Logic and Computation
- Senior Thesis: Model Theory of Real Closed Fields
- Advisor: Dr. James Cummings

TALKS

Logic Seminar, University of Illinois at Chicago

Uncountable Categoricity in Continuous Logic, November 2016

Model Theory Month in Münster Conference, Münster, Germany

Strong Minimality in Continuous Logic, May 2016

Graduate Student Logic Conference

Dp-Rank in Randomizations, April 2015, University of Illinois at Chicago

Rational Points of a Definable Set, April 2013, University of Illinois at Urbana-Champaign

Model Theory Seminar, University of Illinois at Chicago

Extensions of Operators by Ultrapowers, March 2016

On dp-Minimal Fields, September 2015

Hyperimaginary Forking, October 2013

NIP Theories: Mutually Indiscernible Sequences and dp-Rank, November 2012

TEACHING
EXPERIENCE

Lecturer, Fall 2015–Present

Instructor for Discrete Structures course at Loyola University Chicago. Conducted a hybrid course with online lectures in Spring 2016.

Instructor, Summer 2012, Summer 2013, Summer 2016

Instructor for Beginning and Intermediate Algebra in the Summer Enrichment Workshop program for incoming freshmen at University of Illinois at Chicago.

Teaching Assistant Coordinator, Fall 2015

Acted as the teaching assistant coordinator for incoming graduate students at University of Illinois at Chicago

Lecturer, Summer 2015

Instructor for Math 210, Calculus III, for undergraduate students at University of Illinois at Chicago.

Instructor Fall 2014–Spring 2015

Instructor for the Emerging Scholars Program, sections of Calculus II & III at University of Illinois at Chicago

Teaching Assistant, Fall 2006–Summer 2014

Teaching Assistant for the following undergraduate mathematics courses:

University of Illinois at Chicago, Fall 2011– Summer 2014

Calculus I & II

University of California, Los Angeles, Fall 2008–Spring 2011

Precalculus, Calculus I & II, Multivariable Calculus I & II, Calculus for Life Sciences, Differential Equations, Discrete Structures, Abstract Algebra, Mathematical Logic, Game Theory

Carnegie Mellon University, Fall 2006–Spring 2008

Calculus I, Concepts of Mathematics

ACTIVITIES

Association for Women in Mathematics, Fall 2011 – Present

Active member of the UIC Student Chapter of the AWM, presented at the following events:

AWM Undergraduate Math Day, March 2016

Sonia Kovalevsky Day on Maths and Magic, November 2015

AWM Website Workshop, October 2013

Math and Snacks, March 2015

Gave a talk and demonstration about combinatorics, counting, and card tricks to undergraduate math students.

Louise Hay Logic Seminar Co-Organizer, Fall 2012–Fall 2014

Helped arrange speakers for the graduate student logic seminar at UIC.

Maintained the website.

Private Mathematics Tutor, September 2008–Present

Working as a private tutor for junior high school, high school, undergraduate, and graduate students who are taking mathematics courses.

HONORS AND AWARDS	Spring 2014, Spring 2016, AY 2016-2017	UIC Research Training Group Grant Recipient
WORKSHOPS AND SEMESTERS	Summer 2016 Spring 2016 Spring 2014 Summer 2013 Summer 2012 Spring 2007 Summer 2006 Summer 2004	Thematic Program on Model Theory, Graduate Summer School South Bend, IN Model Theory Month in Münster Münster, Germany MSRI Semester in Model Theory, Arithmetic Geometry, and Number Theory Berkeley, CA Model Theory 2013 Ravello, Italy MSRI Summer Graduate Workshop: Model Theory Berkeley, CA Budapest Semesters in Mathematics Budapest, Hungary Research Experience for Undergraduates, Trinity University San Antonio, Texas Advisor: Dr. Scott Chapman Carnegie Mellon University Advanced Placement/Early Admission Pittsburgh, PA
CONFERENCES ATTENDED		<ul style="list-style-type: none"> • Midwest Model Theory Day, Chicago, IL (November 2016, April 2016, October 2014, October 2013, April 2013, October 2012) • International Conference on Model Theory, South Bend, IN (June 2016) • Model Theory Month in Münster Conference, Münster, Germany, (May 2016) • AMS Section Meeting, Chicago, IL (October 2015) • Graduate Student Conference in Logic XVI, Chicago, IL (April 2015) • ASL 2015 North American Annual Meeting, Urbana-Champaign, IL (March 2015) • Model Theory in Geometry and Arithmetic, Berkeley, CA (May 2014) • Connections for Women: Model Theory and Its Interactions with Number Theory and Arithmetic Geometry, Berkeley, CA (February 2014) • Introductory Workshop: Model Theory, Arithmetic Geometry and Number Theory, Berkeley, CA (February 2014) • ASL 2013 North American Annual Meeting, Waterloo, Canada (May 2013) • Chicago Logic Day, Chicago, IL (April 2013) • Graduate Student Conference in Logic XIV, Urbana-Champaign, IL (April 2013) • Joint Mathematics Meetings, San Diego, CA (January 2013) • ASL 2012 North American Annual Meeting, Madison, WI (March 2012) • Logic and Mathematics 2011, Urbana-Champaign, IL (September 2011) • Infinite Possibilities Conference for Minority Women in Mathematics, Los Angeles, CA (March 2010)
SKILLS		Computer Languages: LaTeX, HTML, Javascript, Java, SML
REFERENCES		Dr. David Marker , LAS Distinguished Professor , Department of Mathematics, Statistics, and Computer Science, University of Illinois at Chicago, (312) 996-3069, marker@uic.edu