

# Travis Nell

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CONTACT INFORMATION University of Illinois at Urbana-Champaign 1.262.957.6408  
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RESEARCH INTERESTS Dependent Pairs: Tame Geometry, Distal Expansions

EDUCATION **University of Illinois at Urbana-Champaign**

Ph.D. Candidate, Mathematics (expected May 2019)

- Advisor: Philipp Hieronymi
- GPA: 3.91

**Carnegie Mellon University**

B.S. in Mathematics, May 2013

- University and College Honors
- GPA: 3.90

PUBLICATIONS P. Hieronymi, T. Nell *Distal and Non-Distal Pairs*, J. Symb. Logic 82 (2017) 375-383  
P. Hieronymi, T. Nell, and E. Wahlsberg *Wild Theories with O-minimal Open Core*, APAL (accepted, pending minor revisions) T. Nell *Distal and Non-Distal Behavior in Pairs*, Submitted to MLQ

INVITED TALKS *Logic Seminar*, The Ohio State University; Columbus, Ohio (November 2017)

OTHER TALKS *Logic Seminar/Model Theory and Descriptive Set Theory Seminar*, University of Illinois at Urbana-Champaign; Urbana, Illinois (4 talks from February 2014 - Present)

*Graduate Student Geometry Topology Seminar*, University of Illinois at Urbana-Champaign; Urbana, Illinois (March 2015)

*XIV Graduate Student Conference in Logic*, University of Illinois at Chicago; Chicago, Illinois (April 2015)

*XV Graduate Student Conference in Logic*, Notre Dame University; South Bend, Indiana (April 2016)

*Association for Symbolic Logic Annual North American Meeting 2016* University of Connecticut; Storrs, Connecticut (May 2016)

*Summer School in Tame Geometry Konstanz Poster Session* Universität Konstanz; Konstanz, Germany (July 2016)

*XVI Graduate Student Conference in Logic*, University of Illinois at Urbana-Champaign; Urbana, Illinois (April 2017)

RESEARCH EXPERIENCE *Research Experience for Graduate Students (REGS1)*, Department of Mathematics, University of Illinois at Urbana-Champaign; Urbana, Illinois (May 2014)

*Research Experience for Graduate Students (REGS0)*, Department of Mathematics, University of Illinois at Urbana-Champaign; Urbana, Illinois (Summer 2013)

*Honors Program*, Carnegie Mellon University; Pittsburgh, Pennsylvania (May 2012-2013)

*Summer Undergraduate Research Fellowship*, Carnegie Mellon University; Pittsburgh, Pennsylvania (May 2011-August 2011)

WORKSHOPS AND SUMMER SCHOOLS     *UCLA Summer Logic School*, University of California, Los Angeles; Los Angeles, California (July 2012)

*Summer School in Tame Geometry* Universität Konstanz; Konstanz Germany (July 2016)

TEACHING EXPERIENCE

Fall	2017	UIUC	<i>MATH415: Applied Linear Algebra</i> , TA
Fall	2016	UIUC	<i>MATH241: Calculus III</i> , Head TA
Spring	2016	UIUC	<i>MATH415: Applied Linear Algebra</i> , TA
Fall	2015	UIUC	<i>MATH415: Applied Linear Algebra</i> , Head TA
Spring	2015	UIUC	<i>MATH415: Applied Linear Algebra</i> , TA
Fall	2014	UIUC	<i>MATH415: Applied Linear Algebra</i> , TA
Spring	2014	UIUC	<i>MATH241: Calculus III</i> , TA
Fall	2013	UIUC	<i>MATH241: Calculus III</i> , TA
Spring	2013	CMU	<i>21-127: Concepts of Mathematics</i> , TA
Fall	2012	CMU	<i>21-127: Concepts of Mathematics</i> , TA
Spring	2012	CMU	<i>21-127: Concepts of Mathematics</i> , TA
Fall	2011	CMU	<i>21-259: Calculus in Three Dimensions</i> , TA

MENTORSHIP EXPERIENCE     *Graduate Project Mentor*, “Automata and Space Filling Curves” (mentoring a team of four undergraduate math majors), Illinois Geometry Lab, Department of Mathematics, University of Illinois at Urbana-Champaign; Urbana, Illinois (Fall 2017)

HONORS AND AWARDS

Fall 2016	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Spring 2016	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Fall 2015	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Spring 2015	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Fall 2014	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Spring 2014	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
Fall 2013	On <i>List of Teachers Ranked as Excellent by Their Students</i> University of Illinois at Urbana-Champaign
May 2013	<i>University Honors</i> Carnegie Mellon University
May 2013	<i>MCS College Honors</i> Carnegie Mellon University

REFERENCES     **Philipp Hieronymi**, Assistant Professor, Department of Mathematics, University of Illinois at Urbana-Champaign, [phierony@math.uiuc.edu](mailto:phierony@math.uiuc.edu)