

John Adamski, PhD

CONTACT INFORMATION Fordham University (585) 314-3035
Department of Mathematics adamski@fordham.edu
441 E Fordham Rd, JMH 409 johnadamski.com
Bronx, NY 10458

EDUCATION **The Graduate Center, City University of New York**

Ph.D. Mathematics – June, 2020

Dissertation title: *Symmetric rigidity for circle endomorphisms with bounded geometry and their dual maps*

Advisor: Yunping Jiang

The City College of New York, CUNY

M.A. Mathematics – June, 2011

Summa cum laude

New York University

B.A. Mathematics – May, 2006

Minor Computer Science

Magna cum laude

HONORS AND AWARDS

2020	Excellence in Teaching by a Mathematics Doctoral Candidate The Graduate Center, CUNY
2018, 2019	Nominated by faculty for Excellence in Teaching and Mentoring The Graduate Center, CUNY
2016	Excellence in Teaching The National Society of Leadership & Success, CCNY Chapter
2013–2016	Graduate Teaching Fellowship The Graduate Center, CUNY
2010–2011	Rich Mathematics Scholarship The City College of New York, CUNY

TEACHING EXPERIENCE

Fordham University

Lecturer (2020–present)

Adjunct Lecturer (2019–2020)

Department of Mathematics

Math 1207: Calculus II	×2
Math 1206: Calculus I	×7
Math 1700: Mathematical Modelling	×4
Math 1108: Math for Business Finite	×5
Math 1100: Finite Mathematics	×4
Math 1000: Precalculus	×1

The City College of New York, CUNY

Adjunct Assistant Professor (2020–present)

Adjunct Lecturer (2010–2020)

Department of Mathematics	
Math 39200: Linear Algebra and Vector Calculus for Engineers	×2
Math 39100: Methods of Differential Equations	×1
Math 21200: Calculus II with Introduction to Multivariable Functions	×4
Math 20500: Elements of Calculus	×3
Math 20300: Calculus III	×3
Math 20200: Calculus II	×7
Math 20100: Calculus I	×3
Math 19500: Precalculus	×5
Math 19000: College Algebra & Trigonometry	×4
Math 17300: Introduction to Probability and Statistics	×8
Math 15000: Mathematics for the Contemporary World	×2
Math 08000: Fundamental Algebra and Geometry	×1
Office of Veteran Affairs	
Math “Boot Camp”	×1
Workshop for veterans returning from Iraq/Afghanistan to prepare for college entrance/placement exams	
Developed course and syllabus	
Urban Scholars Program	
SAT Math	×1
Workshop for high school students to prepare for the SAT	
Developed course and syllabus	
Gateway Academic Center	
Math 08000: Fundamentals of Mathematics	×4
Math 07100: Fundamentals of Algebra	×1
Workshops for students to prepare for college entrance/placement exams	
Coordinated lessons with teaching assistants	
Early College Program, City College Academy of the Arts (High School)	
Math 20100: Calculus I	×1
Math 07100: Fundamentals of Algebra	×1
College courses taught to high school students	
S.E.E.K. Program (Search for Education, Elevation, and Knowledge)	
Math 20500 Preview Workshop	×1
Workshop for incoming freshmen enrolled in Math 20500	
Coordinated lessons with teaching assistants	

Mathnasium Learning Center

Enrichment Program Leader (2008–2015)

Upper East Side and Upper West Side NYC locations

Led groups of 2-4 students in grades 3-12 in math lessons supplemental to their regular school work

Worked one-on-one with high school students preparing for college entrance exams

SERVICE

Faculty Supervisor for Fordham’s Math Club, 2022.

Faculty Supervisor for Fordham’s Putnam Competition team, 2021, 2022.

PUBLICATIONS

Symmetric rigidity for circle endomorphisms having bounded geometry, J Adamski, Y Hu, Y Jiang, Z Whe. Proc. Amer. Math. Soc. 150 (2022), pp. 3581-3593.

<https://arxiv.org/abs/2101.06870>

Symmetric rigidity for circle endomorphisms with bounded geometry and their dual maps, J Adamski. PhD dissertation, The Graduate Center CUNY, 2020. CUNY Academic Works.

https://academicworks.cuny.edu/gc_etds/3790

SELECT TALKS *Symmetric rigidity for circle endomorphisms with bounded geometry and their dual maps*, Dissertation defense, The Graduate Center, CUNY. (April 2020)

Sufficiency of the M-condition (quasisymmetry), Quasiconformal Mappings Seminar, The Graduate Center, CUNY. (March 2018)

Extremal Geometric Properties, Quasiconformal Mappings Seminar, The Graduate Center, CUNY. (November 2017)

Expanding circle maps and conditions for a unique invariant measure, Extremal Length Seminar, The Graduate Center, CUNY. (April 2016)

Non-ergodicity for C^1 expanding maps and g -measures, Dynamics and Analysis Research Seminar, The Graduate Center, CUNY. (October, 2015)

RESEARCH INTERESTS Dynamical systems, ergodic theory, real and complex analysis, math education

PROFESSIONAL WORKSHOPS Winter 2022 Infusing Practical Harm Reduction Strategies in the University Mathematics Classroom, MAA mini-course
Summer 2015, 2016 University of Houston Summer School on Dynamical Systems

GRADUATE COURSEWORK Real Variables Differential Geometry
Complex Variables Topology
Functional Analysis Probability
Algebra Ergodic Theory
Partial Differential Equations Dynamical Systems

RELEVANT SKILLS Spoken Languages: English, Spanish
Computer Languages: Matlab, Python, C++, Java, HTML, CSS, SQL, Excel, L^AT_EX

REFERENCES (†TEACHING) **Yunping Jiang**, Professor of Mathematics, Queens College & The Graduate Center, CUNY, (718) 997-5848, yunping.jiang@qc.cuny.edu
†**Bianca Santoro**, Associate Professor of Mathematics, The City College of New York & The Graduate Center, CUNY. (212) 650-5165, bsantoro@ccny.cuny.edu
†**Christian Wolf**, Professor of Mathematics, The City College of New York & The Graduate Center, CUNY. (212) 650-5118, cwolf@ccny.cuny.edu
†**Lydia Gerson**, Director of Gateway Academic Center, The City College of New York, CUNY. (212) 650-6115, lgerson@ccny.cuny.edu
†**Tim Swain**, Educational Director, Mathnasium Upper West Side. (212) 828-6284, tim.swain@mathnasium.nyc