

Francis Adams

Department of Mathematics and Statistics, Georgia State University, Atlanta, GA, 30303 ◦
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EDUCATION Ph.D. in Mathematics April 2017
University of Florida, Gainesville FL
Advisor: Dr. Jindřich Zapletal

M.S. in Mathematics May 2013
University of Florida, Gainesville FL

B.A. in Mathematics June 2010
Carleton College, Northfield MN
Magna Cum Laude, Distinction in the Mathematics Major

PROFESSIONAL EMPLOYMENT *Lecturer of Mathematics* August 2017-Present
Georgia State University (GSU), Atlanta, GA

STEPUP Engineering Summer Bridge Program Instructor June 2017-August 2017
University of Florida (UF), Gainesville, FL

Adjunct Lecturer of Mathematics May 2017-June 2017
UF, Gainesville, FL

Graduate Teaching Assistant in Mathematics August 2011-April 2017
UF, Gainesville, FL

Adjunct Mathematics Instructor August 2010-May 2011
Kirkwood Community College, Cedar Rapids, IA

PUBLICATIONS *Cardinal Invariants of Closed Graphs*
(with J. Zapletal) Accepted by Israel Journal of Mathematics. (2017)

Computability and Categoricity of Weakly Ultrahomogeneous Structures
(with D. Cenzer) Computability 6, no. 4 (2017): 365-389.

Computability and Categoricity of Ultrahomogeneous Structures
(with D. Cenzer) Conference on Computability in Europe, pp. 1-10. Springer, Cham, 2014.

COURSES TAUGHT *Georgia State University*

- Instructor for Introduction to Mathematical Modeling, Calculus 1, Discrete Mathematics.

University of Florida

- Instructor for Elementary Differential Equations, Sets and Logic, Survey of Calculus.
- Lecturer for Calculus I, Calculus II.
- Discussion Leader for Precalculus, Calculus I, Calculus II, Calculus III.

Kirkwood Community College
 • Instructor for Intermediate Algebra.

INVITED TALKS	<i>Computable Ultrahomogeneous Structures</i>	March 2017
	Southeastern Logic Symposium (SEALS). Gainesville, FL.	
	<i>Small Sets of Reals: Measure and Category</i>	August 2016
	UF Graduate Mathematics Association Colloquium. Gainesville, FL.	
	<i>Computability and Categoricity of Ultrahomogeneous Structures</i>	January 2014
	AMS/MAA Joint Mathematics Meetings. Baltimore, MD.	
	<i>Nonstandard Analysis: Calculus with Infinitesimals</i>	February 2013
	UF Graduate Mathematics Association Colloquium. Gainesville, FL.	
OTHER SELECTED TALKS	<i>Loose Number of Graphs on Topological Spaces</i>	January 2018
	AMS/MAA Joint Mathematics Meetings. San Diego, CA.	
	<i>Combinatorics of Borel Graphs on Polish Spaces</i>	March 2017
	ASL North American Meeting. Boise State University, Boise, ID.	
	<i>Ideals of Compact Anticliques in Borel Graphs</i>	January 2017
	AMS/MAA Joint Mathematics Meetings. Atlanta, GA.	
	<i>Ideals of Compact Anticliques</i>	September 2016
	UF Mathematics Department Logic Seminar. Gainesville, FL.	
	<i>Computable Ultrahomogeneous Structures</i>	September 2016
	UF Mathematics Department Logic Seminar. Gainesville, FL.	
	<i>Weak Borel Chromatic Number and Dominating Reals</i>	May 2016
	ASL North American Meeting. University of Connecticut, Storrs, CT.	
	<i>Definable Graphs and Dominating Reals</i>	May 2016
NYC Graduate Student Logic Conference. City University of New York, NYC, NY.		
<i>Extending Anticliques in Definable Graphs</i>	January 2016	
AMS/MAA Joint Mathematics Meetings. Seattle, WA.		
<i>Continuous Logic</i>	April 2014	
Three talks in UF Mathematics Department Analysis Seminar. Gainesville, FL.		
SERVICE	<i>UF Graduate Mathematics Association President/Vice-President</i>	2013-2014
	<i>UF Mathematics Department Faculty Graduate Committee Member</i>	2013
	<i>UF Graduate Student Council Grants Committee Member</i>	2013-2014
	<i>UF Math Department Logic Seminar Organizer</i>	2013-2016
GRANTS AND AWARDS	<i>UF Mathematics Graduate Student Teaching Award</i>	April 2017
	<i>ASL Travel Grant (\$1200)</i>	March 2017
	<i>AMS Travel Grant (\$500)</i>	January 2017
	<i>UF Center for Applied Math (CAM) Summer Fellowship (\$3500)</i>	May 2016
	<i>ASL Travel Grant (\$300)</i>	May 2016
	<i>UF College of Liberal Arts and Sciences Travel Grant (\$200)</i>	January 2016
	<i>UF CAM Travel Grant (\$600)</i>	January 2014
<i>UF Graduate Student Council Travel Grant (\$350)</i>	January 2014	
PROFESSIONAL MEMBERSHIPS	<i>Association of Symbolic Logic</i>	
	<i>American Mathematical Society</i>	

(Updated January 2018)