

CURRICULUM VITÆ

Aaron Greicius

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ACADEMIC POSITIONS

Loyola University Chicago, Department of Mathematics and Statistics, 2015-Present, Advanced Lecturer

Loyola University Chicago, Department of Mathematics and Statistics, 2011-2015, Lecturer

Humboldt-Universität zu Berlin, Institut für Mathematik, 2008-2011, DFG Research Fellow

Berlin Mathematical School, 2008-2011, Junior Faculty Member

University of California, Berkeley, Department of Mathematics, 2007-2008, Lecturer

EDUCATION

Ph.D. Mathematics, University of California, Berkeley, 2007, under Bjorn Poonen

B.A. Philosophy and Mathematics, Columbia University (New York), 1997, *Magna Cum Laude*

HONORS

Nomination for Sujack Award for Teaching Excellence, Loyola University Chicago, Spring 2015

Liebentritt Faculty Development Opportunity (to create Honors Program course Mathematical Thought), Loyola University Chicago, Spring 2014

Deutsche Forschungsgemeinschaft (DFG) Eigene Stelle Research Fellowship, 2008-2011

Kose Memorial Teaching Prize, University of California, Berkeley, 2006-2007

Outstanding Graduate Student Instructor, University of California, Berkeley, 2002

Phi Beta Kappa, Columbia University, 1997

TEACHING

Lecturer/Advanced Lecturer, Loyola University Chicago 2011-Present
Full-time instructor with a 4-3 teaching load. Courses: Intermediate Algebra, Elementary Statistics, Applied Calculus (I&II), Calculus II, Elementary Number Theory, Linear Algebra (Spring 2015), Combinatorics (cross-listed undergraduate/graduate course), Mathematical Thought.

Lecturer, UC Berkeley 2000-2008
Full-time lecturer responsible for the design and implementation of all aspects of the course. Courses: Discrete Mathematics, Linear Algebra, Advanced Linear Algebra, Abstract Algebra.

Graduate Student Instructor, UC Berkeley 1999-2006
Conduct discussion sections with emphasis on group work. Courses: Linear Algebra, Advanced Linear Algebra, Discrete Mathematics, Complex Analysis, Number Theory, Abstract Algebra, Representation Theory. Additionally served as head teaching assistant: responsible for managing enrollment and wait-lists.

DEPARTMENTAL SERVICE

Assessment Committee, Department of Mathematics and Statistics, Loyola University Chicago, 2015-Present

Standardization Committee, Department of Mathematics and Statistics, Loyola University Chicago, 2014-Present

Lecturer of Mathematics (NTT) Hiring Committee, Department of Mathematics and Statistics, Loyola University Chicago, 2013-2014, 2014-2015, 2015-Present

Teaching Seminar co-organizer, Department of Mathematics and Statistics, Loyola University Chicago, Fall 2013, 2014-2015.

PAPERS

Elliptic curves with surjective adelic Galois representations, *Experiment. Math.* 19 (2010), no. 4, 495-507.

Elliptic curves with surjective global Galois representation, Ph.D. thesis, University of California, Berkeley, 2007.

TALKS

Running a flipped format course April 2014
Teaching Seminar Loyola University Chicago

Flipped format number theory class March 2013
Teaching Seminar Loyola University Chicago

Music is applied mathematics (well, not really) December 2011
Applications of Mathematics Colloquium Loyola University Chicago

Galois representations attached to l -Tate modules May 2011
Arithmetic Geometry Research Seminar HU-Berlin

What is... the big deal with math and music? May 2010
BMS "What is...?" Seminar Berlin Mathematical School

Abelian varieties with large adelic image of Galois May 2010
Arithmetic Geometry Research Seminar HU-Berlin

Aesthetics of Math and Music December 2009
Albright-Knox Art Gallery Buffalo, New York

REFERENCES

Anthony Giaquinto
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