

MIKE CARR
mpcarr@emory.edu

CIRICULUM VITAE

EDUCATION

Brandeis University, PhD 2015

EMPLOYMENT

Lecturer *Emory University* 2017-present
Visiting Assistant Professor *Emory University* 2016-2017
Visiting Assistant Professor *Stonehill College* 2015-2016
Graduate Teaching Assistant *Brandeis University* 2010-2015
Lecturer *Fort Valley State University* 2009-2010
Teacher *Alcovy High School* 2006-2008
Teacher *Coffee County High School* 2005-2006

TEACHING

Multivariable Calculus, Differential Equations, Modern Geometry, Calculus I/II,
Precalculus, High School Algebra, Geometry, and Precalculus

SERVICE

Multicultural Outreach at Emory, Faculty Mentor 2016
Math Club, Stonehill College, Faculty Co-sponsor 2015
Teaching Mentor, Brandeis University 2012

HONORS

Brandeis Mathematics Department teaching award 2012
Trevor Evans award for outstanding undergraduate in Mathematics 2004
William Lowell Putnam Competition, 10th place 2002

CONFERENCES ATTENDED

Graduate Summer Schools of the PCMI Summer Session *Park City Math Institute* 2012
Coxeter Groups Meet Convex Geometry *Université du Québec à Montréal* 2012
Cube Complexes and 3-Manifolds *University of Illinois at Chicago* 2013
Topology, Geometry and Group Theory, Informed by Experiment *ICERM* 2013

PUBLICATIONS

- (1) *Two generator subgroups of right-angled Artin groups are quasi-isometrically embedded*, (2014) Preprint
- (2) (with Satyan Devadoss and Stefan Forcey) *Pseudograph associahedra*, Journal of Combinatorial Theory, Series A 118 (2011) 2035-2055
arXiv:1005.2551 [math.CO]
- (3) (with Satyan Devadoss) *Coxeter Complexes and Graph-Associahedra*, Topology and its Applications, 153 (2006) 2155-2168
arXiv:math/0407229 [math.QA]
- (4) (with Suzanne M. Armstrong, Satyan L. Devadoss, Eric Engler, Ananda Leininger, and Michael Manapat) *Particle Configurations and Coxeter Operads*, Homotopy and Related Structures, Volume 4 (2009) 83-109.
arXiv:math/0502159 [math.GT]
- (5) (with Skip Garibaldi) *Geometries, the principle of duality, and algebraic groups*, Expositiones Mathematicae 24 #3 (2006), 195-234
arXiv:math/0503201 [math.RT]