

Contact Information      College of Science and Mathematics      Office Phone: (941) 359-4246  
 USF Sarasota-Manatee      Fax: (941) 359-4778  
 8350 N. Tamiami Trail      Email: glaforge@usf.edu  
 Sarasota, FL 34243 USA

Education      **Tufts University**, Medford, Massachusetts, USA  
                          Ph.D., Department of Mathematics, August 2017  
                          Advisor: *Professor Kim Ruane*  
                          Thesis title: *Visible Artin Subgroups of Right-Angled Coxeter Groups*  
                          M.Sc., Department of Mathematics, May 2012  
**University of Maine at Farmington**, Farmington, Maine, USA  
                          Bachelor of Arts: Mathematics, May 2011  
                          Bachelor of Arts: English, May 2011

Academic Work History      Associate Professor of Instruction, University of South Florida (2022-present)  
                          Instructor II, University of South Florida (2020-2022)  
                          Instructor I, University of South Florida, Sarasota-Manatee (2017-2020)  
                          Instructor, Poincare Institute for Mathematics Education (2014-2016)  
                          Graduate TA, Tufts University (2011-2017)

Research Interests      Geometric Group Theory and Topology  
                          Coxeter groups and CAT(0) cube complexes  
                          Thickness and divergence in graph products of groups  
                          Combinatorics and Graph Theory

Conferences, Workshops and Talks      **Talks:**  
                          *Geometric Properties of Free Products with Amalgamation*: Michael D. Wilson Symposium 2011, Farmington, Maine, May 4, 2011.  
                          *Thickness and Divergence in Virtually-Artin Coxeter Groups*: BUGCAT 2015, Binghamton, New York, November 14-15, 2015.  
                          *Strong Algebraic Thickness and Divergence in Right-Angled Coxeter Groups*: 50th Spring Topology and Dynamical Systems Conference, Waco, Texas, March 10-13, 2016.  
                          *Visible Artin Subgroups of Right-Angled Coxeter Groups*: Tufts University, Spring 2017.

#### Other Workshops and Conferences Attended

20-30, 2013.

Non-Positive Curvature and Infinite Dimensions, Lorraine University, Nancy, France, August 24-28, 2015.

Florida Mathematics Re-Design Institute, hosted by the University of Florida, June 27, 2019.

Published  
Papers

**LaForge, G.** Visible Artin Subgroups of Right-Angled Coxeter Groups. Ph.D. Thesis, August 2017.

Szynkiewicz SH, Nobriga CV, ODonoghue CR, Becerra BJ, **LaForge G.** Motor imagery practice and increased tongue strength: a case series feasibility report. *J Speech Lang Hear Res.* 2019; 62(6) : 1676–1684; doi: 10.1044=2019\_JSLHR\_S\_180128

Teaching  
Experience

*Courses in **bold** were taught online.*

### **Tufts University**

**Instructor:**

Math32 Calculus I (Spring 2016)

**Poincare Institute for Mathematics Education:**

-Team-taught, graduate level Mathematics Education classes taken by primary and secondary education teachers throughout New England, funded by an NSF grant.

**Course II: Transformations and Equations** (Fall 2014)

**Course III: Change and Invariance** (Spring 2015)

**Course I: From Numbers to Functions** (Fall 2015)

**Course III: Transformations and Equations** (Fall 2016)

**Teaching Assistant:**

Calculus I, Calculus II, Linear Algebra, Abstract Linear Algebra, Topology (Moore Method) (various semesters Fall 2011 - Spring 2014)

**Calculus I** (Summer 2016)

### **University of South Florida Sarasota-Manatee**

**Fall 2017-present**

*I taught 11 courses per year from the following list:*

MAC2233 Business Calculus

**MAC2233 Business Calculus**

**MAC1147 Precalculus and Trigonometry**

MAC2311 Calculus I

**MAC2311 Calculus I**

MAC2312 Calculus II

**MAC2312 Calculus II**

MAC2313 Calculus III

MAP2302 Differential Equations

STA2023 Introductory Statistics I

**STA2023 Introductory Statistics I**

*3 courses per semester were taught in-person, with the rest online, except for during the COVID-19 pandemic, when USF moved to fully online.*

