

CONTACT INFORMATION College of Science and Mathematics *Office Phone:* (941) 359-4246
 USF Sarasota-Manatee *Fax:* (941) 359-4778
 8350 N. Tamiami Trail *Email:* glalforge@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

- Geometry group theory for graduate students, University of California, Berkeley, June 19-25, 2012.
- Cube complexes and 3-manifolds, University of Illinois at Chicago, May

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-18-0128

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.

HONORS AND
AWARDS

Michael D. Wilson Scholar, University of Maine at Farmington, Fall 2010.
Eleanor Wood Award, UMF English Department, 2010-2011.
Nominated for USFSM Instructor Teaching awards, 2018-2019, 2019-2020.

MEMBERSHIPS

American Mathematical Society (AMS)
Mathematical Association of America (MAA)
Organization for Graduate Students in Mathematics (OGSM)