Keaton Quinn

Department of Mathematics
Boston College
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Academic Positions

Visiting Assistant Professor	2021 – Current
Boston College	

Education

Ph.D., Mathematics	August 2020
University of Illinois at Chicago	
Department of Mathematics, Statistics, and Computer Science	
Advisor: David Dumas	
B.S., Mathematics, Advanced, with High Honors	May 2014
Michigan State University	
Lyman Briggs College, Honors College	

Awards and Honors

RTG Pre-Doctoral Fellowship	Fall 2014, Spring 2015, Summer 2018
Department of MSCS, UIC	
Academic Excellence Award	May 2014
Lyman Briggs College, MSU	
Teaching Assistant Award (Honorable Mention)	April 2014
Department of Mathematics, MSU	
Paul and Wilma Dressel Endowed Scholarship	April 2013
Department of Mathematics, MSU	
Paul and Gertrude Parker Scholarship	April 2011
Lyman Briggs College, MSU	
Doctor Ronald C Hamelink Scholarship	December 2010
Lyman Briggs College, MSU	

Publications

Conformally flat structures via hyperbolic geometry. Preprint [arXiv:2309.13738](https://arxiv.org/abs/2309.13738), 2023

Asymptotically Poincaré surfaces in quasi-Fuchsian manifolds. Proceedings of the American Mathematical Society, 148 (2020), 1239-1253.

Talks and Presentations

Mastery-based grading in linear algebra	October 2023
Teaching Seminar, Boston College	
Foliations of hyperbolic ends	September 2022
Topology Seminar, University of Wisconsin, Milwaukee	
Asymptotics of foliations in quasi-Fuchsian manifolds	October 2021
Geometry and Topology Seminar, Boston College	
Limits of k-surfaces	May 2019
Geometry and Topology Seminar, University of Luxembourg	

An Introduction to Differential Geometry   February 2018
    Math Graduate Student Colloquium, UIC
The Many Flavors of Teichmüller Space   March 2017
    Math Graduate Student Colloquium, UIC
Inverse Modeling of Dynamical Systems   August 2011
    Michigan Mathematics REU Conference, Hope College

Organization

Conferences:

Math For All (Boston Satellite)	February 25, 2023, April 6, 2024
Graduate Student Topology and Geometry Conference 2018	April 7-8, 2018
Chicago Area SIAM Student Conference	April 16, 2016

Seminars:

Out in Math Seminar (for LGBT graduate students in mathematics)	2018 – 2020
UIC Graduate Geometry, Topology, and Dynamics Seminar	2018 – 2019

Service

AMS Secretary   September 2016 – 2020
    UIC AMS Student Chapter
SIAM Secretary   September 2015 – May 2016
    UIC SIAM Student Chapter
QED Youth Math Symposium Judge   December 2015
    Math Circles of Chicago
Math Learning Center (Neighborhood) Supervisor   August 2013 – May 2014
    Department of Mathematics, MSU

Teaching

Boston College
Instructor:

MATH 1100 Calculus 1	Fall 2021, Spring 2022, Fall 2022
MATH 1103 Calculus 2 (Mathematics/Science Majors)	Fall 2021, Fall 2022, Fall 2023
MATH 2210 Linear Algebra	Spring 2023

University of Illinois at Chicago
Instructor:

MATH 090, Summer Enrichment Workshop (SEW) College Algebra	Summer 2016, Summer 2019
MATH 179, Emerging Scholars Program (ESP) Calculus I	Fall 2015
MATH 182, ESP Calculus II	Spring 2016
MATH 211, ESP Calculus III	Spring 2018, Fall 2018, Fall 2019
MATH 294, ESP Introduction to Advanced Mathematics	Fall 2016, Spring 2017, Fall 2017

Teaching Assistant:

Asian American Resource and Cultural Center Tutor	Fall 2017

Grader:

MATH 215, Introduction to Advanced Mathematics	Spring 2015, Fall 2016
MATH 310, Applied Linear Algebra	Summer 2020
MATH 417, Complex Analysis	Fall 2019
MATH 547, Algebraic Topology I	Fall 2016

MATH 549, Differentiable Manifolds I   Spring 2017

College of Osteopathic Medicine, MSU
OsteoCHAMPS Math Instructor   Summer 2014

Michigan State Univeristy
Teaching Assistant:
LB 118, Calculus I   Spring 2011, Spring 2012
LB 119, Calculus II   Spring 2013, Fall 2013, Spring 2014
LB 220, Calculus III   Fall 2011, Fall 2012
MTH 153H, Honors Calculus II   Fall 2013
MTH 299, Transitions   Fall 2013, Spring 2014
MTH 317H, Honors Linear Algebra   Spring 2014

Affiliations

United States Citizen
AMS
SIAM
Phi Beta Kappa