Jim Fowler
Curriculum Vitae

The Ohio State University ▪ Department of Mathematics
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Education

University of Chicago   2003–2009
Chicago, Illinois

> M.S. in Mathematics, June 2005.
> Ph.D. in Mathematics, June 2009.

Harvard University   1999–2003
Cambridge, Massachusetts

> A.B. in Mathematics, *summa cum laude*, June 2003.
> Junior Phi Beta Kappa.

Employment and Teaching

The Ohio State University, Associate Professor   2020–Present

> Mathematics 5522H: Honors Complex Analysis
>
> Mathematics 6802: Algebraic Topology II
>
> Mathematics 6701: Differentiable Manifolds
>
> Independent study courses on category theory, differential topology, homotopy type theory.

The Ohio State University, Assistant Professor   2014–2020

> Mathematics 5520H: Honors Linear Algebra and Differential Equations
>
> Mathematics 2162.02: Accelerated Calculus II for Honors Engineers
>
> Mathematics 5801: General Topology and Knot Theory
>
> Mathematics 2153: Calculus 3
> Mathematics 2568: Linear Algebra.

The Ohio State University, Ross Mathematics Program   Summer 2010–Present

Erdős Institute, Data science bootcamp, instructor   May 2019

The Ohio State University, Program Manager   2013–2014
> Mathematics 2568: Linear Algebra.
> Calculus Two MOOC on Coursera (23k student enrollments).
> Multivariable calculus MOOC on Coursera (11k student enrollments).

The Ohio State University, Lecturer   2012–2013

Calculus One MOOC on Coursera (87k student enrollments).
iTunesU Calculus One (ranked #1 in Summer 2013; 37k subscribers).
Mathematics 1151: Calculus I.
Mathematics 1161: Accelerated Calculus I.
Mathematics 1181: Honors Calculus I.
Taught the number theory course; ran a number theory recitation for high school students; taught a piecewise-linear topology course for undergraduate and high school students.

The Ohio State University, Zassenhaus Assistant Professor   2009–2012
Mathematics 151: Calculus and Analytic Geometry I.
Mathematics 153: Calculus and Analytic Geometry III.
Mathematics 254 and 254.02: Calculus and Analytic Geometry IV.
Mathematics 660: Introductory Complex Analysis.
Mathematics 953: Topics in Topology
Mathematics 345: Foundations of Higher Mathematics
Mathematics 758: Algebraic Topology: Cohomology
Mathematics 765: Smooth Manifolds

University of Chicago, Directed Reading Program, Mentor   2004–2009
Mentored undergraduate projects on automatic groups, geometric group theory, combinatorial game theory, piecewise-linear topology, knot theory, stochastic processes.

University of Chicago, Polk Brothers Program   2005–2009
Taught middle school students in small groups and whole-classroom settings; assisted Chicago public school teachers with pedagogy and their study of mathematics.

University of Chicago, Graduate Student Lecturer   2005–2006
                                                                   2008–2009

Mathematics 131–133: Elementary Functions and Calculus.
Mathematics 153: Calculus.
Mathematics 204–205: Inquiry-based learning (Moore method); analysis in $\mathbb{R}^n$.

University of Chicago, College Fellow   2004–2005
Mathematics 203–205: Analysis in $\mathbb{R}^n$.

University of Chicago, Research Experience for Undergraduates, Mentor   Summer 2004
                                                                                         Summer 2006
                                                                                         Summer 2007

University of Chicago, Undergraduate Lie Theory Seminar   Fall 2006

Canada/USA Mathcamp, Mentor   Summer 2004
                                               Summer 2005
Taught and mentored high school students in topics including piecewise-linear topology, quaternions, knots and links, game theory, projective geometry, p-adic numbers.

University of Chicago, Warm Up Program, Lecturer   September 2005
Lectured in a mini-course reviewing point-set topology for incoming graduate students.

Harvard University, Course Assistant   2000–2003

Graded homework and ran weekly recitation sessions for multivariable calculus and linear algebra, representation theory, algebraic topology.

Awards, Fellowships, Grants

NSF Grant DUE–1915438   2019–2023

$320k to build an edtech platform empowering faculty to run online learning experiments

NSF Grant DUE–1916606   2019–2022

Recommended for funding; $140k for the Young Mathematicians Conference

Four million views on YouTube   May 2019

My calculus videos have been viewed more than 4 million times.

Building a Buckeye calculus community (SEMINAL)   February 2018

$90k to sustain success in implementing active learning in undergraduate mathematics classes

Ohio Open Ed Collaborative, Team Lead, Calculus 1 and 2   June 2018–July 2019

Support to make Ximera resources useful to instructors at other schools

NSF Grant DUE–1505246   2015–2018

$248k for creating and curating linear algebra materials.

Crestron Summum Bonum Award for Excellence in Teaching   March 2014

NSF Grant DUE–1245433   2013–2016

$180k for building online textbooks.

ODEE, eLearning Professional Development Grant   September 5, 2013

The STEAM Factory, OSU Outreach and Engagement Impact Grant   2013

"Steal My Idea" Presentation Winner   March 27, 2013

NSF Graduate Research Fellowship   2003–2008

McCormick Fellowship, University of Chicago   2003–2005

Palfrey Exhibition, Harvard University   May 2003

Awarded to the most distinguished scholar in the senior class holding a stipendiary scholarship.

Wister Prize, Harvard University   May 2003

Awarded to the student with the highest record in mathematics.

Robert Fletcher Rogers Prize, Harvard University   May 2003

Awarded to the two students who gave the best talks at the undergraduate mathematics table.

Publications

J. Fowler, C. Ogle, and M. Bevis. An analytic method for computing the infinite sums occurring in the geoelastic disk load problem. *Journal of Geophysical Research: Solid Earth*, 124(2):2184–2201, 2019.

Jim Fowler. Both TeX and DVI viewers inside the web browser. *TUGboat*, 40(1):22–24, 2019.

Jim Fowler and Zhixu Su. Smooth manifolds with prescribed rational cohomology ring. *Geometriae Dedicata*, pages 1–18, 2016.

Michael W. Davis, Jim Fowler, and Jean-François Lafont. Aspherical manifolds that cannot be triangulated. *Algebr. Geom. Topol.*, 14(2):795–803, 2014.

J. Fowler. Finiteness properties for some rational Poincaré duality groups. *Illinois J. Math.*, 56(2), 2012.

J. Fowler and C. Ogle. Bounded homotopy theory and the K-theory of weighted complexes. *Proc. Steklov Inst. Math.*, 275(Classical and Contemporary Mathematics in honor of Boris Delone):210–226, 2011.

C. Adams, A. Colestock, J. Fowler, W. Gillam, and E. Katerman. Cusp size bounds from singular surfaces in hyperbolic 3-manifolds. *Trans. Amer. Math. Soc.*, 358(2):727–741 (electronic), 2006.

C. Adams, A. Colestock, J. Fowler, W. Gillam, and E. Katerman. Cleanliness of geodesics in hyperbolic 3-manifolds. *Pacific J. Math.*, 213(2):201–211, 2004.

Jeremy Brandman, James Fowler, Brian Lins, Ilya Spitkovsky, and Nahum Zobin. Convex hulls of Coxeter groups. In *Function spaces, interpolation theory and related topics (Lund, 2000)*, pages 213–240. de Gruyter, Berlin, 2002.

Other Papers

Robert A. Beezer, Petra Bonfert-Taylor, Sarah Eichhorn, David Farmer, and Jim Fowler. CuratedCourses: A fine-grained educational repository demonstrated with linear algebra resources. *IMAGE*, (60):26–27, 2018.

J. Fowler, A. Groot, D. Pandya, and B. Snapp. The no-three-in-line problem on a torus. *ArXiv 1203.6604*, March 2012.

James A. Fowler. *Poincare duality groups and homology manifolds.* ProQuest LLC, Ann Arbor, MI, 2009. Thesis (Ph.D.)–The University of Chicago.

Talks and Presentations

Bitcoin and healthcare   June 17, 2022
David R. Kelly Lecturer in Medical Economics
Department of Otolaryngology, Head and Neck Surgery

Mathematics modeling tasks for calculus   October 16, 2021
Invited CONSACT Address
Ohio MAA Section Meeting

Proofgramming, an introduction to Coq   September 15, 2021
Invitations to Mathematics
Ohio State University

Community Building in Online Courses, Panelist   May 13, 2021
ASC Teaching Forum
Ohio State University

Free group actions on $S^n \times S^n$ April 20, 2021
Topology seminar
Ohio State University

p-adic numbers   January 24, 2021
Math Collaboration Group
Organized by Aedin Pereira

Some iterative geometry   October 7, 2020
Undergraduate Mathematics Club
University of Connecticut

Moving the Ross Mathematics Program to an online format   July 13–16, 2020
CMS COVID-19 Research and Education Meeting
Canadian Mathematical Society

Using Agda as a proof-assistant   February 19, 2020
OSU Radical Pi

Imaginarium presentation: retro math games   May 17, 2019
Innovate, Ohio State University

CAT(0) Square Complexes   April 22, 2019
Wittenberg University, Mathematics Department Colloquium

Webinar on Open Educational Resources in Mathematics   April 10, 2019
Ohio Mathematics Initiative, Subgroup 3

Degrees of maps between Lie groups   March 15, 2019
Spring Topology and Dynamics Conference
University of Alabama at Birmingham

Summer programs in the US: a historical overview   February 22, 2019
Roundtable for Math and Science Summer Programs
Simons Center for Geometry and Physics

Maximizing Student Outcomes in Flipped Classrooms   January 19, 2019
Project NExT Workshop on Flipped Classroom
Joint Mathematics Meeting

Open Resources for the Mathematics Curriculum January 17, 2019
MAA Poster Session: Projects Supported bythe NSF Division of Undergraduate Education
Joint Mathematics Meeting

Putting worksheets on the web with Ximera November 28, 2018
Math Colloquium, Kent State University

Creating open educational resources as if they were open-source software November 2, 2018
Reimagining Math Education, Stevens Institute of Technology

Calculus Redesign October 5, 2018
Strong Start to Finish Kickoff, Greater Columbus Convention Center

Mathematics as collaborative storytelling September 23, 2018
Mount Leadership Summit, Ohio State University

Mathematics as collaborative storytelling September 23, 2018
Mount Leadership Summit, Ohio State University

Ximera Imaginarium Presentation May 11, 2018
Innovate, Ohio State University

Ongoing calculus reforms in the mathematics department February 21, 2018
Math Colloquium, Denison University

STEAM-powered mathematics February 9, 2018
Idea Day
Upper Arlington High School

Ongoing calculus reforms in the mathematics department February 8, 2018
Center for Life Science Education, Graduate Student Seminar, Ohio State University

The STEAM Factory: building a community of engaged academics January 25, 2018
Community Engagement Conference
Ohio State University

Linear actions of $\mathbb{Z}/p \times \mathbb{Z}/p$ on $S^n \times S^n$ January 12, 2018
AMS Contributed Paper Session on Topology and Geometry
Joint Mathematics Meeting

Using CuratedCourses to match OER to other OER. January 12, 2018
MAA Session on The Advancement of Open Educational Resources
Joint Mathematics Meeting

Using Ximera to build online interactive math activities January 12, 2018
SIGMAA on Mathematics Instruction Using the WEB (WEB SIGMAA) Guest Lecture
Joint Mathematics Meeting

Open Resources for the Mathematics Curriculum January 11, 2018
Poster Session: Projects Supported by the NSF Division of Undergraduate Education
Joint Mathematics Meeting

The Calculus Knowledge Assessment: an open-source instrument for mea- January 10, 2018
suring learning gains in calculus courses
Session on the Scholarship of Teaching and Learning in Collegiate Mathematics
Joint Mathematics Meeting

Flipping your Mathematics Course using Open Educational Resources   January 10–12, 2018
Minicourse
Joint Mathematics Meeting

Ongoing calculus reforms in the mathematics department   December 19, 2017
Research Initiatives on Student Progress, Ohio State University

Using Ximera to build online interactive math activities   December 10, 2017
Canadian Math Society, Winter 2017 Meeting, Digital Assets in Math Eduation and
Outreach
University of Waterloo

Talking Points   November 3, 2017
Ohio Math Initiative
Ohio State University

Communications Strategy   October 26, 2017
External Advisory Board
Ohio State University

Ohio Math Initiative and its math pathways   October 2, 2017
Engineering faculty focus group
Ohio Department of Higher Education

word2vec: representing English words as vectors   October 18, 2017
OSU Radical Pi

Folding paper and other math stories   September 7, 2017
Columbus Science Pub
Backstage Bistro

CoCalc and SageMath in service of Ximera   August 23, 2017
Sage Days: Opening Workshop for a Year of Coding Sprints
University of Minnesota

Ximera: Collaboratively teaching calculus with online tools   May 20, 2017
Ohio PKAL
The University of Findlay

Ximera   May 8, 2017
Collaboration and Commercialization Summit organized by the Ohio State College of
Arts and Sciences

Multiple interventions for success in calculus   April 21, 2017
Colloquium
Wright State University

Calculus and OMI Update   April 20, 2017
External Advisory Board
Ohio State University

What is Random?   April 6, 2017
COSI After Dark
Columbus, Ohio

Overview of 3-manifold topology   March 3, 2017
Reading seminar on Agol, Kahn, Markovic, Wise

Ohio Math Initiative and its math pathways   Febuary 7, 2017
Business Cluster Faculty Panel
Ohio Department of Higher Education

Calculus Re-design at Ohio State University   January 20, 2017
Ohio Mathematics Chairs/Leads Network Meeting
Ohio State University

Mystery in Mathematics: Diffie-Hellman Key Exchange   January 13, 2017
Creative Mornings
SparkSpace Columbus

Find, Review, Promote: CuratedCourses aligns OER to the course syl-   January 7, 2017
labus.
Session on The Advancement of Open Educational Resources
Joint Mathematics Meeting

Flipping your Linear Algebra Course using Open Educational Resources   January 4–6, 2017
Minicourse
Joint Mathematics Meeting

Ximera: Collaboratively teaching calculus with online tools   December 2, 2016
Colloquium
Colorado State University

Linear actions of $\mathbb{Z}/p \times \mathbb{Z}/p$ on $S^n \times S^n$ December 2, 2016
Rocky Mountain Algebraic Combinatorics Seminar
Colorado State University

State of Online Teaching of College Level Mathematics in Ohio   October 28–29, 2016
MAA Section Meeting
College of Wooster

Ximera: open source texts for the open web   October 14, 2016
Committee on the Advancement of the Learning of Calculus 2
University of Minnesota

Calculus Redesign at Ohio State   September 30, 2016
External Advisory Board
Ohio State University

Collaboratively Teaching Calculus with Online Tools   May 20, 2016
Keynote
eCOTS Regional Conference

Ohio's Gateway Mathematics Courses   April 20, 2016
Bridges to Success Workshop
Ohio Department of Higher Education, Sharonville Convention Center

Open and active calculus interventions at Ohio State   February 23, 2016
Gateway to Mathematical Sciences: Lectures on Instruction
Michigan State University

Discussion of Active Learning in Calculus Courses   January 22, 2016
Ohio Mathematics Chairs/Leads Network Meeting
Ohio State University

An Introduction to Ximera
Precalculus and Calculus Innovation Workshop
Northwestern University

November 13–14, 2015

Ximera: Collaboratively Develop Interactive Online Content
Ohio MAA Section CONSACT Workshop
Capital University

October 23–24, 2015

Use Ximera to collaborate on open and interactive texts
Unizin Innovation Summit
Grapevine, Texas

October 8–9 2015

Projective Planes
Minnesota State University, Mankato

October 2, 2015

What's in it for the Professor? A discussion on instructor impact.
Coursera Partners Conference
Newport Beach, California

March 2015

High-dimensional unknotting, Part 1
Invitations to Mathematics

December 3, 2014

High-dimensional unknotting, Part 2
Invitations to Mathematics

December 8, 2014

Shor's algorithm
OSU Quantum Topology Group

November 18, 2014

Rational projective planes
IUPUI Modern Analysis and Geometry Seminar
Indianapolis, Indiana

November 11, 2014

Humanity of Calculus
TEDx Columbus
Riffe Center, Columbus, Ohio

November 7, 2014

Aspherical manifolds that cannot be triangulated
Midwest Topology Seminar
Indianapolis, Indiana

April 19, 2014

Reaching Online Learners: Being Smart Isn't Enough
SXSWedu
Austin, Texas

March 3–6, 2014

Computing in topology and student learning
Job Talk

January 28, 2014

Turbocharging Our MOOCs with Mooculus
EDUCAUSE
Anaheim, California

October 15–18, 2013

Plenary lecture on Desargues' theorem
Undergraduate Mathematics Symposium
University of Illinois at Chicago

October 5, 2013

E-Learning and the MOOCS at OSU
OSURA
Columbus, Ohio

September 26, 2013

Hyperbolic knots and their volumes   September 10, 2013
OSU Quantum Topology Group

Numeric methods in topology   November 13, 2012
OSU Topology Seminar

Manifolds realizing rational homotopy types   October 20–21, 2012
AMS Special Session on Interactions Between Geometry and Topology
AMS Fall Central Sectional Meeting

Rational projective planes   March 22–24, 2012
Spring Topology and Dynamics Conference
Universidad Nacional Autonoma de México

Poincaré duality groups   December 11–17, 2011
Stratified Spaces: Joining Analysis, Topology and Geometry
Mathematisches Forschungsinstitut Oberwolfach

Remarks on rational homology manifolds   May 30–June 3, 2011
Conference in Geometric Group Theory and related topics
The Ohio State University

Weighted algebraic topology   May 16–21, 2011
Geometrical methods in high-dimensional topology
The Ohio State University

Projective Planes   April 20, 2011
OSU Radical Pi

CAT(0) square complexes   April 17, 2011
OSU Math Circle

$\mathcal{B}$-bounded finiteness   March 17–19, 2011
Spring Topology and Dynamics Conference
The University of Texas at Tyler

$\mathcal{B}$-bounded finiteness   March 31, 2011
University of Michigan

$\mathcal{B}$-bounded finiteness   February 15, 2011
OSU Topology Seminar

A first talk on surgery   October 5, 2010
OSU Topology Seminar

Rational Poincaré duality groups and controlled symmetric signature   June 10–12, 2010
Workshop in Geometric Topology
Colorado College

Rational Poincaré duality groups and controlled symmetric signature   March 18–20, 2010
Spring Topology and Dynamics Conference
Mississippi State University

Rational Poincaré duality and controlled symmetric signature   March 4, 2010
University of Notre Dame

Rational Poincaré duality and controlled symmetric signature   March 2, 2010
OSU Topology Seminar

Dividing a square into triangles of equal-area   January 13, 2010
OSU Radical Pi

Rational Poincaré duality groups   November 24, 2009
OSU Topology Seminar

Rational Poincaré duality groups   March 22–24, 2009
Ferryfest
University of Chicago

Lattices with torsion and rational homology manifolds   September 8–12, 2008
Topology of Stratified Spaces
Mathematical Sciences Research Institute

Double suspensions of homology spheres   May 20, 2008
Farb and Friends Student Seminar

The α-approximation theorem   November 4, 2008
Farb and Friends Student Seminar

Quaternionic toric varieties   April 4, 2008
Farb and Friends Student Seminar

Hyperbolization of polyhedra   March 7, 2008
Farb and Friends Student Seminar

Classifying high-dimensional manifolds   October 12, 2007
Farb and Friends Student Seminar

Wall's finiteness obstruction   September 27, 2007
Algebraic Topology Proseminar

Introduction to Surgery   May 29, 2007
Algebraic Topology Proseminar

PL-unknotting of codimension ≥ 3 knots   May 11, 2007
Farb and Friends Student Seminar

Building Aspherical Manifolds via Davis' Construction   January 25, 2007
Farb and Friends Student Seminar

Approximating L^2 invariants by finite-dimensional analogues   November 22, 2006
L^2 Seminar

Algebraic topology and distributed computing   November 2, 2006
Applied algebraic topology seminar

The h-cobordism theorem   March 7, 2005
Shmuel's Student Seminar

Wall's finiteness obstruction   November 23, 2004
Algebraic Topology Proseminar

2-adics and equidissections of squares   November 16, 2004
Pizza Seminar

Introduction to characteristic classes   October 19, 2004
Algebraic Topology Proseminar

Dissecting squares into equal-area triangles   October 15, 2002
Harvard Mathematics Table

Bounding the volume of hyperbolic 3-manifolds   October 23, 2001
Harvard Mathematics Table

Clean geodesic journeys through hyperbolic manifolds   August 3, 2001
MAA MathFest
Madison, Wisconsin

Functions growing faster than any computable function   December 12, 2000
Harvard Mathematics Table

Other conferences attended

Ohio OER Grant Summit   October 19, 2017
North Central State College

Making Sense of the Future of Learning   May 24–25, 2016
KnowledgeWorks

Spring Topology and Dynamics Conference   March 10–13, 2016
Baylor University

Spring Topology and Dynamics Conference   May 14–16, 2015
Bowling Green State University

Transforming Post-Secondary Education in Mathematics   September 19–20, 2015
University of Chicago

Sage Education Days 5   June 19–21, 2013
University of Washington

Workshop on High Dimensional Topology   December 8–9, 2012
University of Notre Dame

Singularities in Geometry and Topology   March 17–20, 2008
Courant Institute of Mathematical Sciences

AMS Special Session on Geometric Topology   March 15–16, 2008
Courant Institute of Mathematical Sciences

Topological and Geometric Rigidity   July 29–August 3, 2007
Banff International Research Station

Problems in Geometric Group Theory   April 23–27, 2007
American Institute of Mathematics

Nil Phenomena in Topology   April 14–15, 2007
Vanderbilt University

Introductory Workshop on Computational Application of Algebraic Topology   September 5–8, 2006
Mathematical Sciences Research Institute

Conference on Geometric Group Theory   July 3–14, 2006
Centre de recherches math'ematiques

Workshop on Group Actions and Rigidity   March 20–22, 2006
University of Hawaii, Manoa

Ricci Flow, 3-manifolds, and Geometry   June 20–July 15, 2005
Clay Mathematics Institute

Submanifolds, Singular Varieties and Stratified Spaces   March 13–16, 2005
Courant Institute of Mathematical Sciences

Braids, Links, and Mapping Class Groups   March 15–20, 2005
Columbia University

Conference on Low-dimensional topology   December 15–19, 2004
University of Virginia

Professional activities and service

Chair of the Arnold Ross Lecture Series Committee   February 1, 2022–January 1, 2023

Organize American Institute of Mathematics workshop on interactive assessments in open source textbooks   December 9–13, 2019

The Ohio State University, STEAM Factory, Founding Director, Executive Director   2012–Present

Ohio Math Initiative, Subgroup 3 Co-lead   2014–Present

Spring Topology and Dynamics Conference, Steering Commitee   2016–Present

The Ohio State University, Office of Distance Education and eLearning, video conferencing product evaluation   August 2018–January 2019

The Ohio State University, Intellectual Property, Patents, and Copyrights Committee, Chairperson   August 2018–June 2019

The Ohio State University, Committee on Distance Education, Libraries, Information Technology, Chairperson   August 2017–June 2018

Spring Topology and Dynamics Conference, Geometric Topology special session organizer, Baylor University   March 10–13, 2016

Spring Topology and Dynamics Conference, Geometric Topology special session organizer, Bowling Green   May 14–16, 2015

Ohio Mathematics Initiative, Subgroup 3: Communications, co-chair	2015–Present
Ohio Mathematics Initiative, Subgroup 3: Communications, member	2014–Present
The Ohio State University, Committee on Distance Education, Libraries, Information Technology	2014–Present
The Ohio State University, Distance Education Steering Committee	2014–Spring 2015
The Ohio State University, Innovate Conference Advisory Committee	Autumn 2014–Spring 2015
The Ohio State University, ODEE Impact Grant review committee	Autumn 2014
The Ohio State University, New Media in the Classroom	Autumn 2014
The Ohio State University, Intellectual Property, Patents, Copyright Senate Committee Chairperson	August 2015–June 2016
The Ohio State University, Intellectual Property, Patents, Copyright Senate Committee	2013–Present
The Ohio State University, Data Analysis Hiring Committee	2013
The Ohio State University, Special Year in Geometry and Topology, Proceedings Co-editor	2013–2017
The Ohio State University, eLearning Committee	2012–Present

Organized technology enhanced lectures and built mooculus.osu.edu.

The Ohio State University, Topology Seminar Co-Coordinator	2010–Present
Ohio Board of Regents, Ohio Textbook Affordability Summit, Faculty Panelist	September 27, 2013
National Science Foundation, INGenIOuS, Faculty Panelist	May 30, 2013
The Ohio State University, Innovate Conference, MOOC Panelist	March 26, 2013
The Ohio State University, University Center for the Advancement of Teaching, Faculty Panelist	February 20, 2013
The Ohio State University, Special Year in Geometry and Topology, Graduate Student Seminar Organizer	2010–2011
University of Chicago, Directed Reading Program, Committee Member	2006–2009

Paired undergraduates with graduate student mentors; organized undergraduate talks; designed database-driven website to monitor students' progress.

University of Chicago, Center for Teaching and Learning, Panelist	September 2007 September 2008

Moderated a large-group discussion of teaching issues, including initial course design, midquarter course changes, assessment techniques, lecturing styles.