Bianca Viray

University of Washington   Padelford C-525, 206.543.7986
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Box 354350   `www.math.washington.edu/~bviray`
Seattle, WA 98195, USA   Last Updated: January 26, 2026

EMPLOYMENT

2021 –	Professor, University of Washington
2017 – 2021	Associate Professor, University of Washington
2014 – 2017	Assistant Professor, University of Washington
2010 – 2014	Tamarkin Assistant Professor and NSF Postdoctoral Fellow, Brown University

VISITING APPOINTMENTS

2023	Research member, MSRI
2021 – 2022	Visiting associate professor, MIT
2017	Visiting Erskine Fellow, University of Canterbury
2012	Academic guest, Rational Points and Algebraic Cycles program, Centre Interfacultaire Bernoulli, École Polytechnique Fédérale de Lausanne (EPFL)
2012	Postdoctoral Fellow, Complex and Arithmetic Dynamics program, Institute for Computational and Experimental Research Mathematics (ICERM)
2009	Intern, Microsoft Research, Cryptography group
2008	Center for Communications Research, La Jolla, CA

EDUCATION

2010	Ph.D. Mathematics, University of California, Berkeley (advisor: Bjorn Poonen)
2005	B.S. Mathematics, University of Maryland, College Park, cum laude

AWARDS AND GRANTS

2024 – 2027	NSF-DMS Grant #2401327, $260,000
2022 – 2026	Craig McKibben and Sarah Merner Endowed Professor of Mathematics
2022	AMS Joan and Joseph Birman Fellow
2022	AWM Fellow
2021 – 2024	NSF-DMS Grant #2101434, $307,257
2021	Fellow of the AMS
2021 – 2022	Simons Fellowship
2016 – 2021	NSF-DMS CAREER Grant #1553459, $449,992
2020	International Visitor, Sydney Math Research Inst. (cancelled due to COVID-19)
2015 – 2017	NSA Young Investigator Grant, $40,000.00 (awarded 2014, terminated early in 2016)
2010 – 2014	NSF Postdoctoral Fellowship
2009 – 2010	Ford Foundation Dissertation Fellowship
2007 – 2008	Mentored Research Award, University of California, Berkeley

CURRENT AND UPCOMING SERVICE AND LEADERSHIP [1]

CONFERENCE ORGANIZER

2026	Women in Numbers 7
	Co-organizers: Alia Hamieh, Cathy Hsu, Beth Malmskog
2025	Summer Research Inst. in Algebraic Geometry, Session on Varieties over global fields
	Co-organizers: Jennifer Balakrishnan, Junyi Xie
2022 –	Roots of Unity workshop series (held biannually)
	Co-organizers: Christine Berkesch, Michelle Manes, Priyam Patel, Candice Price

PROGRAM/SCIENTIFIC COMMITTEE

2022 –	Rational Points Conference

SERVICE TO THE COMMUNITY

2025 –	Co-organizer, Current Events Bulletin at the Joint Mathematics Meetings
2024 –	Editor, *Bulletin of the AMS*
2024 – 2027	AMS Prize Oversight Committee
2024 – 2026	AMS Canvassing Committee
2023 – 2026	Vice President of the AMS
2022 – 2026	Executive Committee of AMS Council
2020 – 2026	Member, AMS Policy Committee on Publications
2018 –	Series editor, *Algorithms and Computation in Mathematics*
2015 –	Member, Women in Numbers (WIN) Steering Committee
2012 –	Board of directors, Girls' Angle: a math club for girls, see `girlsangle.org`
2011 –	Advisory board, Girls' Angle

ADVISING

Mallory Dolorfino, Ph.D. (expected)
Bryan Boehnke, Ph.D. (expected)
Jasmine Camero, Ph.D., Emory University (expected)
Alex Wang, Ph.D. (expected)
Alex Galarraga, Ph.D. (expected)

LECTURE SERIES

2024	Rational points: new dimensions, *Algebraic points on curves* (4 lectures)
2022	PCMI, "Number Theory Informed by Computation" (3 lectures)
2015	Arizona Winter School, *Rational points on surfaces* (5 lectures)

PUBLIC LECTURE

2024	Women in Math Nights, New York University Abu Dhabi
2022	Lahr Public Lecture, Dartmouth College

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[1]Full service record given at the end of the document

SELECTED INVITED CONFERENCE TALKS

2026   Fourth Journal of Number Theory Biennial Conference, Cetraro, Italy
      The Ninth Mini Symposium of the Roman Number Theory Association
      ℕ-Cube Days XXIV, University of Copenhagen
      Joint Mathematics Meetings, AMS special session on Communicating Mathematics
2025   Algebraic points on curves, ICERM
2024   Joint Meeting of the NZMS, AustMS and AMS, special session on Arithmetic Geometry
         and Number Theory
      Birational Geometry and Number Theory, ICMS, Edinburgh
      The Mordell Conjecture 100 years later, MIT
2023   Connections Workshop: Diophantine Geometry, MSRI/SLMath
      AMS Joint Mathematical Meetings, Boston, MA,
         AMS Special Session on Arithmetic Geometry Informed by Computation
2022   Pacific Rim Mathematical Association (PRIMA) Congress, Vancouver, Canada
         Special session on Algebraic number theory and arithmetic geometry
      Explicit Methods for Modularity, Simons Collaboration
      Rational Points 2022, Franken-Akademie Schloss Schney
2020   Connecticut Summer School in Number Theory, University of Connecticut
      AMS/MAA Joint Mathematical Meetings, Denver CO,
         Special Session on "Rational Points on Varieties: Theory and Computation"
2019   RIMS Symposia: Rational Points on Higher Dimensional Varieties
      Heilbronn Annual Conference, University of Bristol
      Arithmetic, Geometry, Cryptography, and Coding Theory 17, CIRM, Luminy
         Plenary speaker
2018   Arithmetic Geometry, Number Theory, and Computation, Massachusetts Institute of
         Technology
      Explicit Methods in Number Theory, Oberwolfach
      Classical Algebraic Geometry, Oberwolfach
2017   SIAM conference on Applied Algebraic Geometry, Georgia Institute of Technology
         Plenary speaker
2016   Twelfth Algorithmic Number Theory Symposium, University of Kaiserslautern
         Plenary speaker
2015   Palmetto Number Theory Series (PANTS), Clemson University
         Plenary speaker
      AMS Spring Western Sectional Meeting, University of Nevada, Las Vegas
         Invited address

SELECTED COLLOQUIA AND SEMINARS

2026   Simon Fraser University, Colloquium (planned)
2025   University of Rochester, Colloquium
      University of Rochester, Number theory seminar

University of Illinois, Urbana-Champaign, Colloquium
University of California, Irvine, Geometry/Topology Seminar
University of California, Berkeley, Colloquium
2024 Colloque des sciences mathématiques du Québec, CSMQ
Quebec-Vermont Number Theory Seminar
Center for Communications Research, La Jolla, Colloquium
2023 University of Michigan, Colloquium
2022 Dartmouth College, Lahr Diversity Colloquium
Harvard/MIT Algebraic geometry seminar
Harvard University, Number theory seminar
Rice University, Colloquium
Tufts University, Colloquium
2021 Brown University, Algebra seminar
Massachusetts Institute of Technology, Number theory seminar
San Francisco State University, Algebra, Geometry, and Combinatorics Seminar
University of Georgia, Number theory seminar
VaNTAGe Seminar, A virtual math seminar on open conjectures in number theory and
    arithmetic geometry
Ohio State University, Colloquium
University of Waterloo, Colloquium
2020 Mathematical Conversations at Home, Institute for Advanced Study
University of Pittsburgh, Colloquium
Stony Brook University, Algebraic Geometry Seminar
Zoom Algebraic Geometry Seminar
Number Theory Web Seminar
Simon Fraser University, Quarantined Number Theory & Algebraic Geometry Seminar
University of Utah, AWM-RTG Colloquium
2018 Emory University, Athens-Atlanta Joint Number Theory Seminar
2017 University of Oregon, AWM Distinguished Speaker Series
University of Canterbury, Colloquium
Vanderbilt University, Colloquium
2015 University of Wisconsin, Madison, Colloquium
Rice University, Colloquium

PUBLICATIONS

1. Quartic del Pezzo surfaces without quadratic points (with Brendan Creutz). *Pacific J. Math.* **337** (2025), no. 2, 215–224.

2. Degrees of points on varieties over Henselian fields (with Brendan Creutz). *Trans. Amer. Math. Soc.* **378** (2025), no. 1, 259–278.

3. Brauer-Manin obstructions requiring arbitrarily many Brauer classes (with Jennifer Berg, Carlo Pagano, Bjorn Poonen, Michael Stoll, Nicholas Triantafillou, and Isabel Vogt). *Bull. Lond. Math. Soc.* **56** (2024), no. 5, 1587–1604.

4. Curve classes on conic bundle threefolds and applications to rationality (with Sarah Frei, Lena Ji, Soumya Sankar, and Isabel Vogt). *Algebr. Geom.* **11** (2024), no. 3, 421–459.

5. Quadratic points on intersections of quadrics. (with Brendan Creutz). *Algebra Number Theory* **17** (2023), no. 8, 1411–1452.

6. Persistence of the Brauer-Manin obstruction on cubic surfaces. (with Carlos Rivera). *Math. Res. Letters* **29** (2022), no. 6, 1881–1889.

7. Corrigendum: Abelian n-division fields of elliptic curves and Brauer groups of product Kummer and abelian surfaces (with Anthony Várilly-Alvarado). *Forum Math. Sigma* **8** (2020), Paper No. e60, 4 pp.

8. On the level of modular curves that give rise to isolated j-invariants (with Abbey Bourdon, Özlem Ejder, Yuan Liu, and Frances Odumodu). *Advances in Mathematics* **357** (2019).

9. Degree and the Brauer-Manin obstruction (with Brendan Creutz and an appendix by Alexei N. Skorobogatov). *Algebra Number Theory* **12** (2018), no. 10, 2445-2470.

10. The d-primary Brauer-Manin obstruction for curves (with Brendan Creutz and José Felipe Voloch). *Research in Number Theory* **4** (2018), no. 2, Article 26, 16 pp.

11. Abelian n-division fields of elliptic curves and Brauer groups of product Kummer and abelian surfaces (with Anthony Várilly-Alvarado). *Forum of Mathematics. Sigma* **5** (2017), e29, 42 pp. doi:10.1017/fms.2017.16

12. Unramified Brauer classes on cyclic covers of the projective plane (with Colin Ingalls, Andrew Obus, and Ekin Ozman and an appendix by Hugh Thomas). *Proceedings of Brauer groups and obstruction problems: moduli spaces and arithmetic*, 115–153, Progress in Mathematics, 320, *Springer, [Basel]*, 2017.

13. Insufficiency of the Brauer-Manin obstruction for Enriques surfaces (with Francesca Balestrieri, Jennifer Berg, Michelle Manes & Jennifer Park). *Directions in Number Theory: Proceedings of the 2014 WIN3 Workshop*, Association for Women in Mathematics Series, vol. 3, *Springer, [Cham]*, 2016, pp. 1–31.

14. Evidence for the dynamical Brauer-Manin criterion (with Ekaterina Amerik, Pär Kurlberg, Khoa Nguyen, Adam Towsley, and José Felipe Voloch). *Experimental Mathematics* **25** (2016), no. 1, 54–65. doi:10.1080/10586458.2015.1056889

15. On Brauer groups of double covers of ruled surfaces (with Brendan Creutz). *Mathematische Annalen* **362** (2015), no. 3, 1169–1200. doi: 10.1007/s00208-014-1153-0

16. On singular moduli for arbitrary discriminants (with Kristin Lauter). *International Mathematics Research Notices*, (2015), no. 19, 9206–9250. doi: 10.1093/imrn/rnu223

17. Denominators of Igusa class polynomials (with Kristin Lauter). *Numéro consacré au trimestre "Méthodes arithmétiques et applications", automne 2013. Publications*

Mathématiques de Besançon. Algèbre et Théorie des Nombres. 2014/2 Presses Univ. Franche-Comté, Besançon, 2015, pp. 5–29.

18. Smooth compactifications of certain normic bundles (with Anthony Várilly-Alvarado). *European Journal of Mathematics* **1** (2015), no. 2, 250–259. doi: 10.1007/s40879-015-0035-7

19. An arithmetic intersection theory formula for denominators of Igusa class polynomials (with Kristin Lauter). *American Journal of Mathematics* **137** (2015), no. 2, 497–533. doi: 10.1353/ajm.2015.0010

20. Two torsion in the Brauer group of a hyperelliptic curve (with Brendan Creutz). *Manuscripta Mathematica* **147** (2015), no. 1-2, 139–167. doi: 10.1007/s00229-014-0721-7

21. Corrigendum: Higher dimensional analogs of Châtelet surfaces (with Anthony Várilly-Alvarado). *Bulletin of the London Mathematical Society* **47** (2015), no. 2, 217–218.

22. Computing conjugating sets and automorphism groups of rational functions (with Xander Faber and Michelle Manes). *Journal of Algebra* **423** (2014), 1161–1190. doi: 10.1016/j.jalgebra.2014.08.048

23. Arithmetic of del Pezzo surfaces of degree 4 and vertical Brauer groups (with Anthony Várilly-Alvarado). *Advances in Mathematics* **255** (2014), 153–181. doi: 10.1016/j.aim.2014.01.004

24. On a uniform bound for the number of exceptional linear subvarieties in the Mordell-Lang conjecture (with Joseph H. Silverman). *Mathematical Research Letters* **20** (2013), no. 3, 547–566. doi: 10.4310/MRL.2013.v20.n3.a12

25. Comparing arithmetic intersection theory formulas for denominators of Igusa class polynomials (with Jacqueline Anderson, Jennifer S. Balakrishnan, Kristin Lauter, and Jennifer Park). *Women in Numbers 2: Research Directions in Number Theory*, Contemporary Mathematics, vol. 606, Amer. Math. Soc., Providence, RI, 2013, pp. 65–82.

26. Failure of the Hasse principle for Châtelet surfaces in characteristic 2. *Journal de Théorie des Nombres de Bordeaux* **24** (2012), no. 1, 231–236. doi: 10.5802/jtnb.794

27. Higher-dimensional analogs of Châtelet surfaces (with Anthony Várilly-Alvarado). *Bulletin of the London Mathematical Society* **44** (2012), no. 1, 125–135. doi: 10.1112/blms/bdr075

28. Failure of the Hasse principle for Enriques surfaces. (with Anthony Várilly-Alvarado). *Advances in Mathematics* **226** (2011), no. 6, 4884–4901. doi: 10.1016/j.aim.2010.12.020

29. Igusa class polynomials, embeddings of quartic CM fields, and arithmetic intersection theory (with Helen Grundman, Jennifer Johnson-Leung, Kristin Lauter, Adriana Salerno, and Erika Wittenborn). *WIN—Women in Numbers*, Fields Institute Communications, vol. 60, Amer. Math. Soc., Providence, RI, 2011, pp. 35–60.

30. A family of varieties with exactly one pointless rational fiber. *Journal de Théorie des Nombres de Bordeaux* **22** (2010), no. 3, 741–745. doi: 10.5802/jtnb.743

31. Hilbert schemes of 8 points (with Dustin A. Cartwright, Daniel Erman, and Mauricio Velasco). *Algebra and Number Theory* **3** (2009), no. 7, 763–795.
doi: 10.2140/ant.2009.3.763

Accepted for Publication

32. Rational points on varieties and the Brauer-Manin obstruction. `arXiv:2303.17796`, 19 pages. To appear in *IAS/Park City Mathematics Series*
33. Isolated and parameterized points on curves (with Isabel Vogt). `arXiv:2406.14353`, 26 pages. To appear in *Essential Number Theory*

Submitted for Publication

34. Conic bundle threefolds differing by a constant Brauer class and connections to rationality (with Sarah Frei, Lena Ji, Soumya Sankar, and Isabel Vogt). `arXiv:2406.13510`, 18 pages.
35. Number fields generated by points in linear systems on curves (with Irmak Balcik, Stephanie Chan, and Yuan Liu). `arxiv:2503.07846`, 24 pages.

Books edited

36. Brauer groups & obstruction problems: moduli spaces and arithmetic. Edited with Asher Auel, Brendan Hassett, and Anthony Várilly-Alvarado. *Progress in Mathematics, 320* Birkhäuser/Springer, Basel. vi + 247 pp.

Other articles

37. The value of mathematical storytelling: our perspective on giving talks (with John Voight). *Notices Amer. Math. Soc.*, **70** (2023), no. 6, 928-931.

Teaching

University of Washington, Professor

2026	Math 404: Introduction to Modern Algebra III
2025	Math 208: Linear algebra (2 sections)
	Math 208: Linear algebra (2 sections)
2024	Math 581E: Algebraic points on curves
	Math 208: Linear algebra (2 sections)
2023	Math 402: Introduction to Modern Algebra I
2022	Math 504: Modern Algebra I
2021	Math 301: Elementary Number Theory

	Math 300: Introduction to Mathematical Reasoning (2 sections)
2020	Math 308: Matrix Algebra
	Math 583: Communicating Mathematics Effectively
	Math 404: Introduction to Modern Algebra III
	Math 403: Introduction to Modern Algebra II
2019	Math 308: Matrix Algebra
	Math 480: Cryptography
2018	Math 308: Matrix Algebra (2 sections)
2017	Math 581: Algebraic Number Theory
	Math 308: Matrix Algebra
	Math 480: Cryptography
2016	Math 402: Introduction to Modern Algebra I
	Math 582: Class Field Theory
2015	Math 581: Algebraic Number Theory
	Math 124: Calculus with Analytic Geometry I
	Math 403: Introduction to Modern Algebra II
2014	Math 402: Introduction to Modern Algebra I
	Math 308: Matrix Algebra

University of Washington, Reading courses and research groups

2019	Algebraic Number Theory (2 students)
	WXML group on embeddings of genus 0 curves (2 students)
2018	Elementary Number Theory (1 students)
	Algebraic Number Theory (3 students)
2017	Arithmetic of elliptic curves (1 student)
2016	Arithmetic geometry (3 students)
2015	Rational points on varieties (2 students)
	Algebraic geometry, joint with Max Lieblich (2 students)
2014	Algebraic geometry, joint with Max Lieblich (4 students)

Brown University, Professor

2013	Math 19: Advanced Placement Calculus (Physics/Eng.) *Course head*
	Math 158: Cryptography
	Math 156: Number Theory
2011	Math 153: Abstract Algebra I
	Math 52: Linear Algebra

UC Berkeley, Teaching assistant

2008	Math 16b: Analytical Geometry & Calculus II
2007	Math 110: Advanced Linear Algebra
2006	Math 53: Multivariable Calculus
	Math 54: Linear Algebra & Differential Equations
2005	Math 1b: Calculus II

University of Maryland, College Park, Strauss teaching assistant

2005	Math 141: Calculus II
2004	Math 140: Calculus I

CONFERENCE LEADERSHIP

ORGANIZER

2026	Women in Numbers 7
	Co-organizers: Alia Hamieh, Cathy Hsu, and Beth Malmskog
2025	Summer Research Inst. in Algebraic Geometry, Session on Varieties over global fields
	Co-organizers: Jennifer Balakrishnan and Junyi Xie
2024	AIM workshop: Degree d points on surfaces
	Co-organizer: Nathan Chen
2022	Pacific Rim Mathematical Association (PRIMA) Conference Special Session "Arithmetic geometry: theory and computation"
	Co-organizer: Sho Tanimoto
2022 –	Roots of Unity workshop series (held biannually)
	Co-organizers: Christine Berkesch, Michelle Manes, Priyam Patel, Candice Price, and Adriana Salerno
2020 – 2022	paraDIGMS: Diversity in Graduate Mathematical Sciences Fall and Spring Conferences
	Co-organizers: Matthew Ando, Justin Lanier, Marissa Loving
2020	Western Algebraic Geometry Symposium
	Co-organizers: Jarod Alper, Edray Goins, Dagan Karp
	Modern Breakthroughs in Diophantine Problems, BIRS
	Co-organizers: Michael Bennett, Nils Bruin, Samir Siksek
	Foundations of Computational Mathematics, Computational Number Theory Session
	Co-organizers: Nils Bruin & Christophe Ritzenthaler (Cancelled due to COVID-19)
2019	CFW: Derived Algebraic Geometry, Birational Geometry and Moduli Spaces
	Co-organizers: Julie Bergner, Antonella Grassi, Kirsten Wickelgren
2018	Communicating Mathematics Effectively
	Co-organizer: John Voight
2017	Women in Numbers 4
	Co-organizers: Jennifer Balakrishnan, Chantal David, Michelle Manes
2015	AMS Spring Western Sectional Meeting: Special session on "Arithmetic geometry"
	Co-organizer: Katherine Stange
2013	AIM workshop: "Brauer groups & obstruction problems: moduli spaces and arithmetic"
	Co-organizers: Asher Auel, Brendan Hassett, and Anthony Várilly-Alvarado
	AMS/MAA Joint Mathematics Meetings: AWM special session on number theory
	Co-organizer: Kristin Lauter
2012	Joint Mathematics Meetings: special session on "Rational points on varieties"
	Co-organizers: Jennifer S. Balakrishnan, Bjorn Poonen, and Kirsten Wickelgren

PROGRAM/SCIENTIFIC COMMITTEE

2024	Algorithmic Number Theory Symposium (ANTS XVI)
2022 –	Rational Points Conference
2012	Tenth Algorithmic Number Theory Symposium (ANTS X)

Project Leader

2026	Women in Numbers 7; Co-leader: Yuan Liu
2023	Women in Numbers 6; Co-leader: Yuan Liu
2020	Women in Algebraic Geometry; Co-leader: Isabel Vogt
2017	Women in Numbers 4; Co-leader: Abbey Bourdon
2015	Graduate student bootcamp, Algebraic Geometry Summer Research Institute
	Arizona Winter School
2014	Women in Numbers 3; Co-leader: Michelle Manes
2011	Women in Numbers 2; Co-leader: Kristin Lauter

Service to the community

Ongoing Service

2025 –	Co-organizer, Current Events Bulletin at the Joint Mathematics Meetings
2024 –	Editor, *Bulletin of the AMS*
2024 – 2027	AMS Prize Oversight Committee
2023 – 2026	Vice President of the AMS
2022 – 2026	Executive Committee of AMS Council
2020 – 2026	Member, AMS Policy Committee on Publications
2018 –	Series editor, *Algorithms and Computation in Mathematics*
2015 –	Member, Women in Numbers (WIN) Steering Committee
2012 –	Board of directors, Girls' Angle: a math club for girls, see `girlsangle.org`
2011 –	Advisory board, Girls' Angle

Past Service

2018 – 2025	Editor, *Research in Number Theory*
2024 – 2025	AMS Canvassing Committee (chair)
2024 – 2025	Nominating committee of the ECBT
2023 – 2025	AMS Long Range Planning Committee
2021 – 2023	Chair, MSRI Summer Research in Mathematics Selection Committee
2020 – 2023	Member-at-large, AMS Council
2021 – 2022	Member, AMS Committee on Committees
2021 – 2022	Mentor, BAMM: Bolstering the Advancement of Masters in Mathematics, Math Alliance (1 student)
2018 – 2021	Member, AMS-Simons Travel Grants Committee
2015 – 2021	Chair, Western Algebraic Geometry Symposium (WAGS) Diversity Committee
2015 – 2021	Member, Western Algebraic Geometry Symposium (WAGS) Council
2020	Co-organizer, *Tea time with a number theorist*, a weekly informal zoom chat with a number theorist, open to all who wish to attend.
2020	Moderator, *Algebraic geometry syndicate*, an online community of over 2000 members where students and early career mathematicians can form reading groups, receive career advice, and find community, virtually.
2011 – 2014	Active member, Rose Whelan society: an organization for women in math at Brown

2010 – 2011   Mentor, Girls' Angle

Departmental Service

University of Washington
2014 –   Number Theory Seminar Organizer
2024 – 2025   Undergraduate program committee
2024 – 2025   Communications committee
2024 – 2025   Personnel committee
2024 – 2025   Centenary committee
2022 – 2024   Appointments committee (chair)
2019 – 2021   Diversity committee (chair)
2020 – 2021   308 course coordinator
2020 – 2021   Graduate program committee
2017 – 2020   Appointments committee
2019 – 2020   AWM student chapter faculty mentor
2014 – 2018   UW local organizer for Abelian Varieties CRG multi-site seminar
2017 – 2018   Internal chair selection committee
2014 – 2017   Diversity committee
2015 – 2017   Planning committee

Brown University
2011 – 2012   Graduate admissions committee (2 years)
2010   Panelist, "Applying for academic jobs"

UC Berkeley
2009 – 2010   Graduate student mentor
2009 – 2010   Founder and Organizer, Graduate Student Colloquium
2008 – 2010   Co-founder and active member, Unbounded Representation: an organization focused on issues of diversity in mathematics at UC Berkeley
2006 – 2010   Active member, Noetherian Ring: an organization for women in math at UC Berkeley
2006 – 2008   Officer of Mathematics Graduate Student Association
2005 – 2006   Organizer, Mentor Lecture Seminar Series
              Co-organizer: Daniel Erman

Advising

Mallory Dolorfino, Ph.D. (expected)
Bryan Boehnke, Ph.D. (expected)
Jasmine Camero, Ph.D., Emory University (expected)
Alex Wang, Ph.D. (expected)
Alex Galarraga, Ph.D. (expected)
2024   Carlos Rivera, Ph.D.
2024   Thomas Carr, Ph.D.

2022 Sam Roven, Ph.D.
2021 Jon Kim, B.S.
2020 Caleb Geiger, M.S.
2019 Manar Riman, Ph.D.
2019 Blanca Vina, B.S.

UW Writing Milestone Advising

2025 Dora Kassabova
2024 Mallory Dolorfino
      Bryan Boehnke

UW Student exam committees

2025 General exam committee for Ting Gong
2024 General exam committee for Leo Mayer
2022 Doctoral exam committee, GSR, for Hao Geng
2021 Doctoral reading committee for Anthony Sanchez
      Doctoral reading committee for Samantha Fairchild
2020 General exam committee, GSR, for Hao Geng
2018 General exam committee for Tuomas Tajakka
      Doctoral reading committee for Siddharth Mathur
      General exam committee for Anthony Sanchez
      General exam committee for Kevin Lui
      General exam committee for Samantha Fairchild
2017 General exam committee for Gerardo Zelaya
2016 General exam committee for Kristin DeVleming
2015 General exam committee for Siddharth Mathur
      Doctoral reading committee for Pál Zsamboki
      Oral preliminary exam committee for Daniel Bragg
      Oral preliminary exam committee for Lucas Van Meter
      General exam committee for Riley Casper

Brown Student exam committees

2014 Topics exam committee for Ken Ascher
2012 Topics exam committee for Martin Ulirsch
2011 Topics exam committee for Wade Hindes
2011 Topics exam committee for Dimitrios Moirogiannis
2010 Topics exam committee for Jacqueline Anderson