

# Jo Nelson

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PERSONAL INFORMATION	Rice University Department of Mathematics	jo.nelson [at] rice.edu <a href="http://math.rice.edu/~jkn3">http://math.rice.edu/~jkn3</a>
RESEARCH INTERESTS	Symplectic and contact geometry and topology, singularity theory, and their interactions; various flavors of Floer, symplectic, and contact homology; symplectic dynamics	
EMPLOYMENT	<b>Rice University</b> Assistant Professor, 2018- <b>Columbia University</b> Ritt Assistant Professor, 2017-2018 <b>Barnard College, Columbia University</b> NSF Postdoctoral Fellow, 2013-2014, 2016-2017 <b>Institute for Advanced Study</b> Member, 2014-2016	
VISITING APPOINTMENTS	<b>Simons Center for Geometry and Physics, Stony Brook</b> Visiting Assistant Professor, Spring 2014 <b>Institute for Advanced Study</b> Visitor, 2013-2014	
EDUCATION	<b>University of Wisconsin - Madison, USA</b> Ph.D. in Mathematics, August 2013 <ul style="list-style-type: none"><li>• Dissertation: <i>Applications of automatic transversality in contact homology</i></li><li>• Advisor: Mohammed Abouzaid</li></ul> M.A. in Mathematics, May 2009 <b>Massachusetts Institute of Technology, USA</b> Visiting Graduate Student, Spring 2012 <b>University of Illinois at Urbana-Champaign, USA</b> B.S. in Mathematics with High Distinction and Honors, Minor in German, August 2007 <b>Technische Universität Berlin, Germany</b> Trans Atlantic Science Student Exchange Program, Academic Year 2006-2007	
HONORS & AWARDS	NSF CAREER: Floer theories and Reeb dynamics of contact manifolds, DMS-2142694 NSF Standard Grant in Geometric Analysis and Topology, DMS-2104411 Race and Anti-Racism Research Fund Grant, with D. King (PI) and M. Hebl (co-PI), 2020 Brasil@Rice Collaborative Travel Grant, 2019 NSF Standard Grant in Geometric Analysis and Topology, DMS-1840723 NSF Mathematical Sciences Research Postdoctoral Fellowship, DMS-1303903 Mary Ellen Rudin Research Prize, University of Wisconsin - Madison, 2013 European Science Foundation - Short Travel Grant CAST, 2012 Honored Instructor Award, University of Wisconsin - Madison Housing, 2011 Celebrating Women in Mathematics Grant, University of Wisconsin (P.I. 2009-2010) Student Ambassador Fellowship from the Technische Universität Berlin, 2006-2007 University of Illinois International Scholar (Fellowship), 2006-2007 University of Illinois List of Teachers Rated Excellent, Fall 2005 Goethe-Institut Book Prize for Undergraduate Achievement in German, 2005 The Honors Teaching Assistantship for Undergraduates, University of Illinois, 2005	

PUBLICATIONS &  
PREPRINTS

12. (with M. Hutchings)  $S^1$ -equivariant contact homology for dynamically convex contact forms, in preparation.
11. (with M. Weiler) Knot filtered ECH of trefoils in  $S^3$ , in preparation.
10. (with L. Digiosia, Haoming Ning, M. Weiler, Y. Yang)\* Symplectic embeddings of four-dimensional polydisks into ellipsoids, [arXiv:2010.06687](#), 27 pages, submitted to *Journal of Fixed Point Theory and Applications* on 10/21/20.
9. (with M. Weiler) Embedded contact homology of prequantization bundles, [arXiv:2007.13883](#), 85 pages, submitted to *Journal of Symplectic Geometry* on 7/31/20.
8. (with M. Hutchings)  $S^1$ -equivariant cylindrical contact homology for hypertight contact forms, [arXiv:1906.03457](#), 93 pages, Requested revisions submitted to *J. Topology*, 10/9/21
7. (with M. Hutchings) Axiomatic  $S^1$  Morse-Bott theory, *Algebr. Geom. Topol.* 20 (2020) 1641–1690.
6. Automatic transversality for contact homology II: filtrations and computations, *Proc. Lon. Math. Soc.* Vol. 120, 6 (2020), 853–917.
5. (with K. Christianson)\* Symplectic embeddings of 4-dimensional polydisks into balls, *Alg. & Geo. Top.* 18 (2018) 2151–2178.
4. (with L. Abbrescia, I. Huq-Kuruville, & N. Sultani)\* Reeb dynamics of the link of the  $A_n$  singularity, *Involve* Vol. 10 (2017), No. 3, 417–442.
3. (with M. Hutchings) Cylindrical contact homology for dynamically convex contact forms in three dimensions, *J. Symp. Geom.* 14 (2016), No. 4, 983–1012.
2. From Dynamics to Contact and Symplectic Topology and Back, *The Institute for Advanced Study Newsletter, Summer 2016*.
1. Automatic transversality for contact homology I: regularity, *Abh. Math. Semin. Univ. Hambg.* 85 (2015), no. 2, 125-179.

\* denotes a paper written with undergraduate research mentees.

ACADEMIC  
VISITS

★ COVID-19 CANCELLATION

<b>Institute for Advanced Study, Princeton</b>	November 8 - 18, 2021
📍 <b>Institut de Mathématiques de Jussieu-Paris Rive Gauche, France</b>	September 2020
📍 <b>RWTH Aachen University, Germany</b>	April 27 - May 1, 2020
📍 <b>Institute for Advanced Study, Princeton</b>	March 26 - April 3, 2020
<b>University of California at Berkeley</b>	March 3-6, 2020
<b>University of California at Berkeley</b>	January 5-11, 2020
<b>Instituto de Matemática Pura e Aplicada, Rio de Janeiro</b>	August 4-31, 2019
<b>Humboldt Universität Berlin, Germany</b>	June 7-17, 2019
<b>Institute for Advanced Study, Princeton</b>	March 10-24, 2019
<b>University of California at Berkeley</b>	January 8-13, 2019
<b>Humboldt Universität Berlin, Germany</b>	May 14-24, 2018
<b>Universität Augsburg, Germany</b>	May 23-28, 2017
<b>Humboldt Universität Berlin, Germany</b>	May 16-22, 2017
<b>Institute for Advanced Study, Princeton</b>	February 28 - March 3, 2017
<b>Humboldt Universität Berlin, Germany</b>	January 18-24, 2017
<b>Ruhr-Universität Bochum, Germany</b>	January 12-17, 2017
<b>IRMA, Université de Strasbourg, France</b>	July 30 - August 3, 2016
<b>University of California at Berkeley</b>	November 9-13, 2015

<b>Institut des Hautes Études Scientifiques, France</b>	July 5-18, 2015
<b>University of California at Berkeley</b>	May 6-13, 2015
<b>University of California at Berkeley</b>	December 1-5, 2014
<b>University of California at Berkeley</b>	October 6-10, 2014
<b>Université Pierre et Marie Curie, France</b>	September 6-13, 2014
<b>University of California at Berkeley</b>	December 2-6, 2013
<b>Institute for Advanced Study, Princeton</b>	July 1 - August 31, 2013
<b>Institute for Advanced Study, Princeton</b>	January 17-18, 2013
<b>Ludwig-Maximilians-Universität München, Germany</b>	June 28 - July 6, 2012
<b>Institute for Advanced Study, Princeton</b>	May 14 - June 7, 2012
<b>Simons Center for Geometry and Physics, Stony Brook</b>	April 7-8, 2011
<b>Korean National Institute for Mathematical Sciences, Seoul</b>	Fall 2009

INVITED  
LECTURES

✳ COVID-19 CANCELLATION

**Lecture series**

- School on Symplectic Topology, IMPA, Brazil, August 2019 (2 lectures)
- Northwestern University Geometry and Physics Seminar, Chicago, Fall 2017 (2 lectures)
- ANR Contact Spectral Invariants Workshop, Houat, France, Summer 2017 (3 lectures)
- Humboldt Universität Berlin, Oberseminar Geometrie, Summer 2016 (2 lectures)
- University of Texas at Austin Geometry Seminar, Spring 2015 (3 lectures)
- Simons Center Symplectic Seminar, Stony Brook, Spring 2014 (2 lectures)
- Northeastern University, Boston, Fall 2013 (3 lectures)
- Columbia University, New York, Fall 2013 (2 lectures)
- Philadelphia Area Contact Topology Seminar (PACT), Bryn Mawr, Fall 2013 (4 lectures)

**Conferences**

- South Central Topology Conference, Texas A&M (September 2021)
- ✳ Annual Conference on Geometric Analysis at Rutgers University (May 2020)
- IPAM-UCLA Geometry and Topology Workshop (January 2020)
- Conference on Symplectic Topology, IMPA, Brazil (August 2019)
- Midwest Topology Seminar, Michigan State University (May 2019)
- Texas Topology and Geometry Conference, TCU, Fort Worth, TX (February 2019)
- Modern Math Workshop, Research Session & IAS/PCMI representative (October 2018)
- AMS Southeastern Sectional Meeting, University of Arkansas (November 2018)
- Geometric structures on 3 and 4 Manifolds in Dubrovnik (June 2018)
- Symplectic Dynamics Workshop, Seoul National University (February 2018)
- Oberwolfach Dynamische Systeme Workshop, Germany (July 2017)
- MAA Mathfest, Symplectic Topology Invited Session (August 2017)
- AMS Northeastern Sectional Meeting, Hunter College (Spring 2017)
- Workshop on Topology: Identifying Order in Complex Systems, Rutgers (Spring 2017)
- AMS Southeastern Sectional Meeting, North Carolina State (Fall 2016)
- Symplectic Field Theory VIII, Humboldt Universität Berlin (August 2016)
- Symplectic geometry and topology conference for Dusa McDuff, ICMS (July 2016)
- IHÉS Summer School on Moduli Problems in Symplectic Geometry (July 2015)
- Georgia Topology Conference (May 2015)
- Gökova Geometry and Topology Conference (May 2015)
- Gökova Geometry and Topology Conference, evening expository talks (May 2015)
- AWM Research Symposium, University of Maryland, College Park (Spring 2015)
- AMS Eastern Sectional Meeting, Georgetown University (Spring 2015)
- 13th Graduate Topology & Geometry Conference, Young Faculty speaker (Spring 2015)
- JMM, AMS Special Session on Geometries Defined by Differential Forms (January 2015)
- American Institute for Mathematics Workshop on Contact Homology (December 2014)

JMM, AMS Special Session on Symplectic and Contact Manifolds (January 2014)  
Simons Center, Graduate Workshop on Symplectic and Contact Topology (Fall 2012)  
Polyfolds MIT-RTG workshop, Pajaro Dunes Resort, California (Summer 2012)  
Université de Nantes, Symplectic and Contact Topology Summer School (Summer 2011)  
AMS Eastern Sectional Meeting, Cornell (Fall 2011)

### **Virtual Conference and Seminar talks**

Advances in Symplectic Topology, Institut Henri Poincaré (May 2021)  
Annual Conference on Geometric Analysis at Rutgers University (May 2021)  
IAS Math Conversations @ Home (March 2021)  
Brazil V Mini-Workshop on Symplectic Geometry (November 2020)  
Rice Undergraduate Colloquium (October 2020)  
Western Hemisphere Virtual Symplectic Seminar, Columbia-SCGP-USC (May 2020)  
Symplectic Zoominar, Montreal-Princeton/IAS-Tel Aviv-Paris (May 2020)

### **Colloquia**

University of Toledo, Ohio, Fall 2021  
University of Louisiana - Lafayette, Fall 2019  
University of Wisconsin - Madison, April 2019  
IAS Mathematical Conversations, March 2019  
University of Melbourne, February 2018  
Northeastern University, January 2018  
Rice University, January 2018  
Notre Dame, January 2018  
Duke, December 2016

### **International Seminars**

🌿 Joint Analysis Seminar, RWTH Aachen University, Germany (Spring 2020)  
Instituto Superior Técnico Lisboa, Geometria Seminar (Summer 2019)  
Berlin-Hamburg Seminar zur symplektischen Geometrie (Summer 2019)  
Humboldt Universität Berlin, Seminar zur symplektischen Geometrie (Spring 2018)  
Universität Augsburg, Oberseminar symplektische geometrie (Spring 2017)  
Berlin-Hamburg Seminar zur symplektischen Geometrie (Spring 2017)  
Ruhr-Universität Bochum, Oberseminar Dynamical Systems (Spring 2017)  
Paris Symplectix Seminar, Jussieu (Fall 2014)  
Ludwig-Maximilians-Universität München, Geometry Seminar (Summer 2012)  
Korean Institute for Advanced Study, Geometry Seminar (Fall 2009)

### **Domestic Seminars**

Princeton University and IAS Symplectic Seminar (Fall 2021)  
Contact and Symplectic Geometry Seminar, UC Berkeley (Fall 2021)  
🌿 Columbia University, Symplectic Geometry Seminar (Fall 2021)  
🌿 IAS Symplectic Dynamics and Geometry Seminar (Spring 2020)  
🌿 Columbia University, Symplectic Geometry Seminar (Spring 2020)  
Northern California Symplectic Geometry Seminar, Stanford University (Spring 2020)  
Rice University, Undergraduate Colloquium (January 2020)  
IAS Symplectic Dynamics and Geometry Seminar (Spring 2019)  
UC Davis, Topology Seminar (Spring 2019)  
University of Virginia, Topology Seminar (Fall 2018)  
Rutgers, Geometry and Topology Seminar (Spring 2018)  
Northern California Symplectic Geometry Seminar, Stanford University (Fall 2017)  
Joint Georgia Tech and UGA Geometry and Topology Seminar (Spring 2017)  
University of Pennsylvania, Deformation Theory Seminar (Spring 2017)

MIT, Topology and Geometry Seminar (Fall 2016)  
 Rutgers, Geometry and Topology Seminar (Fall 2016)  
 Triangle Topology Seminar, joint between Duke, UNC, and NC State (Fall 2016)  
 Duke, Graduate/Faculty Seminar (Fall 2016)  
 Harvard, Gauge Theory and Symplectic Topology Seminar (Spring 2016)  
 UC Davis, Geometry Seminar (Fall 2015)  
 UC Davis, Student-Run Geometry/Topology Seminar (Fall 2015)  
 University of Virginia, Topology Seminar (Fall 2015)  
 IAS, Postdoc Talks (Fall 2015)  
 Columbia University, Reading group on contact and symplectic topology (Fall 2015)  
 Barnard College, Columbia University, Perspectives in Mathematics (Fall 2015)  
 Notre Dame, Geometry and Topology Seminar (Spring 2015)  
 Bronx Community College, Research Seminar (Spring 2015)  
 UIUC Symplectic Geometry Seminar (Spring 2015)  
 Northern California Symplectic Geometry Seminar, UC Berkeley (Fall 2014)  
 MIT, Topology and Geometry Seminar (Fall 2014)  
 Columbia Undergraduate Math Seminar (Fall 2014)  
 Harvard, Gauge Theory and Symplectic Topology seminar (Fall 2014)  
 IAS, Postdoc Talks (Fall 2014)  
 University of Rochester, New York, Geometry Seminar (Spring 2014)  
 Princeton University and IAS Symplectic Seminar (Spring 2014)  
 IAS, Postdoc Talks (Fall 2013)  
 MIT, Symplectic Geometry Seminar (Spring 2013)  
 University of Wisconsin - Madison, Geometry and Topology Seminar (Fall 2012)  
 University of Texas at Austin, Geometry Seminar (Fall 2012)  
 Columbia University, Symplectic Geometry Seminar (Spring 2012)  
 MIT, Topology and Geometry Seminar (Spring 2011)  
 University of Wisconsin Richland Center (Spring 2011)

TEACHING

**Rice University**

Math 699: Graduate Reading Seminar	Fall 2021
Math 541: Topics in Topology	Spring 2022
Math 444/539: Geometric Topology	Fall 2018 & 2019
Math 402/500: Differential Geometry	Spring 2021
Math 401: Curves and Surfaces	Fall 2019 & Spring 2022
Math 222: Honors Calculus IV	Spring 2021
Math 212: Multivariable Calculus	Fall 2018

**Columbia University**

Math 4081: Introduction to Differentiable Manifolds	Spring 2018
Math 1201: Calculus III	Fall 2016 & 2017

ACADEMIC  
ADVISING

**Supervision of PhD Theses**

Leo DiGiosia	Rice University (2019-)	<i>Subsequent position</i>
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**Supervision of Postdoctoral Researchers**

Dr. Morgan Weiler	Rice University (2019-21)	<i>Subsequent position</i> NSF MSPRF (Cornell)
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**Supervision of Distinction in Research and Creative Works**

Haoming Ning	Rice University (2020)	<i>Subsequent PhD candidacy</i> University of Washington
Yirong Yang	Rice University (2020)	University of Washington

**Supervision of Undergraduate Senior Honors Theses**

*Subsequent PhD candidacy*

Theodore Coyne	Columbia University (2018)	UC Berkeley
Sara Edelman-Muñoz	Barnard College (2018)	Rice, NSF GRF Honorable Mention
<b>Ph.D. Thesis Committee Member</b>		
Saraswathi Venkatesh (advisor: M. Abouzaid), Columbia University		March 2018

**Remote Integrated Research Experience at Rice University**

<i>Virtual BeECH (Beyond ECH Capacities), 2020</i>		<i>Subsequent PhD candidacy</i>
Leo DiGiosia	Grad student	
Haoming Ning	Undergraduate	University of Washington
Yirong Yang	Undergraduate	University of Washington

**Summer Research Experience for Undergraduates at Columbia University**

<i>Arithmetic Invariants of Knots, 2018</i>		<i>Subsequent PhD candidacy</i>
Teresa Brown	Columbia University	
Quang Dao	Columbia University	University of Michigan
Mariya Delyakova	Columbia University	
Lucas Furtado	Columbia University	
Myeonhu Kim	Columbia University	Princeton University
Evan Wickenden	Columbia University	UC Boulder Physics (theory)
<i>Symplectic Packings and Embeddings, 2017</i>		<i>Subsequent PhD candidacy</i>
Theodore Coyne	Columbia University	UC Berkeley
Sara Edelman-Muñoz	Barnard College	Rice, NSF GRF Honorable Mention
Greyson Potter	Columbia University	Boston University
Chunying Hungdai	Barnard College	
<i>Obstructions of Symplectic Embeddings, 2016</i>		<i>Subsequent PhD candidacy</i>
Katherine Christianson	Columbia University	NSF GRF UC Berkeley
Irit Huq-Kuruvilla	Columbia University	NSF GRF UC Berkeley
Greyson Potter	Columbia University	Boston University
Rox Sayde	Barnard College	Northwestern University
Elizabeth Yoo	Columbia University	Princeton ORFE, GRF Honorable Mention
<i>Obstructions of Symplectic Embeddings, 2015</i>		<i>Subsequent PhD candidacy</i>
Katherine Christianson	Columbia University	NSF GRF UC Berkeley
Irit Huq-Kuruvilla	Columbia University	NSF GRF UC Berkeley
Nawaz Sultani	Columbia University	University of Michigan
<i>Reeb dynamics on the link of the <math>A_n</math>-singularities, 2014</i>		<i>Subsequent PhD candidacy</i>
Leonardo Abbrescia	Columbia University	NSF GRF Michigan State
Irit Huq-Kuruvilla	Columbia University	NSF GRF UC Berkeley
Nawaz Sultani	Columbia University	University of Michigan

**OUTREACH & MENTORING**

<b>Rice Math Club</b> , Rice University Student Club Faculty sponsor.	2021-
<b>AWM Math Nights</b> , Rice University Faculty advisor.	2021-22
<b>Mathematical Perspectives for Prospective Majors</b> , Rice University Organized events to advertise the mathematics major and minor.	2018-
<b>Freshman Math Mentorship Program</b> , Rice University Faculty advisor. <a href="https://math.rice.edu/freshman-mentorship-program">https://math.rice.edu/freshman-mentorship-program</a>	2020-21

- Horizons in Mathematics**, Rice University 2018-20  
 Founded a colloquium series with Dr. Allison Miller to bring outstanding mathematicians from traditionally under-represented backgrounds to Rice University.  
<https://sites.google.com/view/anmiller/horizons>
- Math Alliance Mentor**, Facilitated Graduate Applications Process (F-GAP) 2016-2018
- AWM Chapter at Barnard College and Columbia University** 2016-2018  
 Faculty advisor and mentoring program coordinator
- Institute for Advanced Study, Women and Mathematics Program** Spring 2016  
 Organized a panel discussion highlighting various careers in mathematics.
- Institute for Advanced Study, Women and Mathematics Program** Spring 2015  
 Organized the career panel discussion and research seminar talks.
- Math Night, Robert E. Willett Elementary School**, Volunteer Spring 2015
- Julia Robinson Math Festival, Princeton University**, Co-Organizer Spring 2015
- Sonya Kovalevsky Day, Barnard College** November 21, 2014  
 Organized and led the one-hour workshop, "Baller geometry: when the shortest path isn't a straight line" for thirty 10th grade female students from the Urban Assembly Schools.
- Upper Freehold Regional School District, New Jersey** October 28, 2014  
 Keynote speaker for Allentown High Math and Science Honor Society Induction.
- Julia Robinson Math Festival, Princeton University**, Co-Organizer Spring 2014
- The Urban Assembly School for Wildlife Conservation, the Bronx** Fall 2013  
 Discussed careers in mathematics with small groups of 8-12th graders, developed classroom activities with the 9-12th grade math teachers, and volunteered as a teacher's aide.
- Upper Freehold Regional School District, New Jersey** November 21, 2013  
 Keynote speaker for Allentown High School World Language Honor Society Induction ceremony: "How language enriches your life and career."
- Institute for Advanced Study, Women and Mathematics Program** Spring 2012  
 Teaching assistant for the mini-course, From Linear Algebra to the Non-Squeezing Theorem of Symplectic Geometry as part of the program, 21<sup>st</sup> Century Geometry.
- Camp Euclid** Summer 2012  
 Mentored an online 8-week mathematics research program for middle and high schoolers.
- Girl Scout Math Whiz Badge Session** May 2010  
 Organized and designed a day long activity for local 3rd and 4th grade Girl Scouts.
- Virtual International Learning Seminar Organized**  
 Obstruction Bundle Zooming, with J. Rooney (Simons Center) Fall 2020  
<https://www.jacobrooney.com/obg-seminar-2020/>
- Conferences, Workshops, and Summer Schools Organized**  
 🚫 *Dubrovnik 2020: Holomorphic curves and low dimensional topology*, June 22-26, 2020  
 Inter-University Center, Croatia with T. Mark, G. Matic, A. Wand, and C. Wendl
- New advances in symplectic and contact topology*, with M. Weiler April 8-9, 2019  
 AWM Research Symposium Special Session, Rice University

PROFESSIONAL  
 ACTIVITIES

🚫 COVID-19 CANCELLATION

*Facets of Symplectic Topology*, with T. Holm and J. Weitsman April 21-22, 2018  
AMS Eastern Meeting Special Session, Northeastern University

*Augmentations and Legendrians at the IAS* February 11-12, 2016

*Moduli Problems in Symplectic Geometry*, IHÉS Summer School July 6-17, 2015  
Chair of organizational committee, with D. Cristofaro-Gardiner and J.W. Fish.

*Transversality in Contact Homology* December 8-12, 2014  
AIM Research Workshop, with J.W. Fish, M. Hutchings, and K. Wehrheim

*Seventh Annual Graduate Student Topology and Geometry Conference* April 18-19, 2009  
University of Wisconsin - Madison, with N. Addington, T.-S. Lien, M. Childers

**Past seminar organization**

*Symplectic Geometry and Gauge Theory Seminar*, Columbia University 2017-18

*Joint Columbia and IAS symplectic seminar* 2014-2016

*Joint Princeton and IAS symplectic seminar* 2014-2016

*Working seminar in contact and symplectic topology*, Simons Center Spring 2014

*Foundations of contact homology working seminar*, Columbia University Fall 2013

*Symplectic Geometry and Gauge Theory Seminar*, Columbia University Fall 2013

*Women in Mathematics at Wisconsin*, UW Madison 2009-2013

**Information of Potential Interest**

*Member:* American Mathematical Society, Association for Women in Mathematics, National Association of Mathematicians

*Languages:* English (native), deutsch (nicht schlecht), français (un peu)

SERVICE

**International Service to the Mathematics Community**

*Trustee:* Association of Members of the Institute for Advanced Study (AMIAS) 2019-2022

*Grant Evaluator:* German-Israeli Foundation for Scientific Research and Development

*Referee:* Algebraic Geometry & Topology, Annals of Mathematics, Advances in Mathematics, Inventiones Mathematicae, IMRN, Journal of Differential Geometry, Journal of Fixed Point Theory and Applications, Journal of Topology, MathSciNet, AMS Graduate Studies in Mathematics

**National Service to the Mathematics Community**

*Panelist:* National Science Foundation

**Service to the Rice University Mathematics Department**

2021- Support to the Diversity Committee

2021-2022 Department Artwork

2018-2022 Graduate Student Admissions Committee

1/19-12/20 Chair, Diversity and Support Committee

2018-2020 Topology Qualifying Exam

2018-2022 Advisory Committee to Appointments Committee

2018-2019 Chair, Colloquium Committee

2018-2019 Evans Instructor Hiring

2018-2019 Topology Seminar