

# Mohammad Behzad Kang

Department of Mathematics  
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## APPOINTMENTS

Graduate Teaching Assistant, Wayne State University Department of Mathematics	August 2018 - Present
Data Governance Intern, Mercedes-Benz Financial Services	May 2018 - August 2018

## EDUCATION

Ph.D. in Mathematics, Wayne State University	August 2019 - May 2024 (Expected)
M.S. in Mathematics, Wayne State University	August 2018 - May 2019
B.S. in Mathematics Honors & University Honors, Wayne State University	August 2013 - May 2018
<ul style="list-style-type: none"><li>• Accelerated Graduate Enrollment (AGRADE)</li><li>• Magna Cum Laude distinction</li></ul>	August 2017 - May 2018

## TEACHING EXPERIENCE

### WAYNE STATE UNIVERSITY

MAT 2030 - Calculus III	Winter 2024 (Currently Teaching)
MAT 1070 - College Algebra	Fall 2023
Math Corps Instructor & Minister of Humor	Fall 2018, Summer 2023
MAT 2150 - Differential Equations and Matrix Algebra	Spring/Summer 2023
MAT 1000 - Mathematics in Today's World (Dual enrollment course for high school students)	Winter 2023
MAT 1000 - Mathematics in Today's World	Fall 2022
MAT 2250 - Elementary Linear Algebra	Spring/Summer 2022
MAT 1000 - Mathematics in Today's World	Fall 2021
MAT 2010 - Calculus I (Online, Synchronous)	Spring/Summer 2021
MAT 1000 - Mathematics in Today's World (Online, Synchronous)	Winter 2021
STA 2210 - Probability and Statistics (Online, Synchronous)	Fall 2020
MAT 2020 - Calculus II (Online, Asynchronous)	Spring/Summer 2020
MAT 1800 - Elementary Functions	Fall 2019
MAT 2020 - Calculus II	Spring/Summer 2019
STA 1020 - Elementary Statistics	Winter 2019
Math Corps Instructor	Summer 2017
Mathematics Resource Center Tutor	Winter 2015 - Winter 2017
Undergraduate Teaching Assistant, Center for Excellence & Equity in Mathematics	Winter 2016, Fall 2016
MAT 1050 - Intermediate Algebra with Trigonometry (Workshop)	Fall 2015
Undergraduate Teaching Assistant, Center for Excellence & Equity in Mathematics	Fall 2014 - Winter 2015

### DOWNTOWN BOXING GYM

Mathematics Teacher, Downtown Boxing Gym	Winter 2017 - Spring 2017, Fall 2017 - Spring 2018
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## SELECT LEADERSHIP, SERVICE AND MENTORSHIP

<i>Co-Organizer, Student Math and Applications Seminar</i> Wayne State University	Fall 2018 - Fall 2020, Winter 2023 - Present
<i>Member, Mathematics Department Activities Committee</i> Wayne State University	August 2022 - Present
<i>STEM Day Session Leader for "Mathemagic"</i> Wayne State University	April 2023, March 2020, March 2019, March 2018
<i>Mentor, Mathematics Mentoring Program</i> Wayne State University	December 2022 - April 2023
<i>Student Representative, Department of Mathematics Chair Review Committee</i> Wayne State University	March 2022 - May 2022
<i>STEM Day Session Leader for "Visualizing Pi"</i> Wayne State University	March 2020, March 2019
<i>President, WSU Math Society</i> Wayne State University	Fall 2017 - Winter 2019
<i>Chair, College of Liberal Arts and Sciences Student Council</i> Wayne State University	Fall 2017 - Winter 2018
<i>College Instructor, Math Corps</i> Wayne State University	Summer 2014, Summer 2015, Summer 2016

## SELECT AWARDS & HONORS

<i>Maurice J. Zelonka Endowed Scholarship</i> , Wayne State University	April 2023
<i>Garrett T. Heberlein Excellence in Teaching Award for Graduate Students</i> , Wayne State University Featured articles at <a href="https://rb.gy/psy99">https://rb.gy/psy99</a> and <a href="https://rb.gy/fy5z8">https://rb.gy/fy5z8</a> Photo of official plaque at <a href="https://rb.gy/92649">https://rb.gy/92649</a> with biography written by Dr. Steven Kahn	January 2022
<i>M.F. Janowitz Fund</i> , Wayne State University	April 2019
<i>CLAS Act</i> , Wayne State University Featured article at <a href="https://rb.gy/99iaer">https://rb.gy/99iaer</a>	June 2018
<i>Commencement Speaker</i> , Wayne State University Featured video played at commencement at <a href="https://www.youtube.com/watch?v=j3AshhHZOA">https://www.youtube.com/watch?v=j3AshhHZOA</a> Video of speech at <a href="https://www.youtube.com/watch?v=b0CGoHIwvow">https://www.youtube.com/watch?v=b0CGoHIwvow</a>	May 2018
<i>AGRADE Scholarship</i> , Wayne State University	April 2018
<i>Robert and Nancy Irvan Endowed Scholarship in Mathematics</i> , Wayne State University	April 2018
<i>1st Place - Physical Sciences</i> , Wayne State University CLAS Undergraduate Research Fair	March 2018
<i>Outstanding Undergraduate Award in Mathematics</i> , Wayne State University	April 2018, April 2017
<i>Problem of the Week - Mathematics Winner (Winter 2017, Fall 2017)</i> , Wayne State University	April 2017

## SELECT TALKS

<i>Undergraduate Mathemagic</i> The University of Olivet Math Seminar	November 2023
<i>The Emerging Scholars Program at Wayne State University</i> Annual Meeting of the Michigan Section of the Mathematical Association of America	April 2019

## PUBLICATIONS

2022. H. Abdallah, A. Regalski, M. Kang, M. Berishaj, N. Nnadi, A. Chowdury, V. Diwadkar, A. Salch, *Statistical inference for persistent homology applied to simulated fMRI time series data*, Foundations of Data Science.  
<https://www.aims sciences.org/article/doi/10.3934/fods.2022014>

## CURRENT PROFESSIONAL MEMBERSHIPS

American Mathematical Society  
Mathematical Association of America