

# Kaiyi Katherine Huang

 personal webpage    [khuang247@wisc.edu](mailto:khuang247@wisc.edu)

## EDUCATION

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2021 – present	University of Wisconsin-Madison	PHD IN MATHEMATICS
2014 – 2019	The Chinese University of Hong Kong	BSC IN MATHEMATICS

## TALKS

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Sep 2021 – present	<b>Graduate Analysis Seminar</b> <ul style="list-style-type: none"><li>• Hausdorff dimension and other equivalent definitions (Mattila, 2015)</li><li>• Subellipticity of the dbar-Neumann problem on pseudo-convex domains: sufficient conditions (Kohn, 1974)</li><li>• On the nonlinear Brascamp-Lieb inequality (Bennett et al., 2020)</li></ul>	UW-MADISON
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## WORKSHOPS AND CONFERENCES

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Feb 2023	<b>Women in Nonlinear Dispersive PDEs</b>	BIRS
Sep 2022	<b>RTG workshop in harmonic analysis</b>	UW-MADISON
Aug 2022	<b>Summer School in Harmonic Analysis</b>	UW-MADISON
Jul 2019	<b>HKU International Conference of Undergraduate Research in Science</b>	HKU
Aug 2018	<b>Rome-Moscow school of Matrix Methods and Applied Linear Algebra</b>	LMSU

## TEACHING

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Fall 2022	MATH234: Calculus - Functions of Several Variables (TA)	UW-MADISON
Spring 2023	MATH222: Calculus and Analytic Geometry 2 (TA)	UW-MADISON

## OUTREACH/SERVICE

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Sep 2022 - present	<b>AMS Student Chapter</b> Co-organiser of Donut Seminar
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## SKILLS

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### Programming

- Python, Pytorch, SQL, Java, JavaScript, R, MATLAB, C++, STATA

### Language Skills

- English: Fluent
- Cantonese, Hakka, Mandarin Chinese: Native
- Russian: Intermediate
- French: CEFRL B1