

# Yun Li

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EDUCATION	<b>University of Wisconsin-Madison</b> Ph.D. candidate in Mathematics Advisor: Prof. Benedek Valkó	<i>September 2016 - Present</i>
	<b>University of California, Berkeley</b> Exchange student program	<i>January 2014 - May 2014</i>
	<b>Nankai University</b> B.S. in Mathematics (Po-Ling Honors Class) Advisor: Prof. Kainan Xiang	<i>September 2012 - July 2016</i>
RESEARCH INTERESTS	Probability Theory, Random Matrix Theory	
PAPERS	Y. Li, B. Valkó. <i>Operator level limit of the circular Jacobi <math>\beta</math>-ensemble</i> . Preprint, 2021. <a href="https://arxiv.org/abs/2108.11039">arxiv: 2108.11039</a> L. Dumaz, Y. Li, B. Valkó. <i>Operator level hard-to-soft transition for <math>\beta</math>-ensembles</i> . <i>Electron. J. Probab.</i> <b>26</b> : 1-28, 2021.	
INVITED TALKS	Stochastic Seminar (online), The University of Utah <i>Limits for the circular Jacobi <math>\beta</math>-ensemble</i>	<i>September 2021</i>
	Probability Seminar (online), Purdue University <i>Limits for the circular Jacobi <math>\beta</math>-ensemble</i>	<i>August 2021</i>
	Mini Conference for Young Scholars from Probability (online), Xiangtan University <i>Operator level hard-to-soft transition for <math>\beta</math>-ensembles (in Chinese)</i>	<i>November 2020</i>
	Probability Seminar (online), UW-Madison <i>Operator level hard-to-soft transition for <math>\beta</math>-ensembles</i>	<i>November 2020</i>
	Pre-Seminar (online), Columbia University <i>Pre-seminar for Benedek Valkó's talk on the stochastic zeta function</i>	<i>May 2020</i>
HONORS AND AWARDS	Departmental Outstanding TA Award	<i>May 2021</i>
	Excellence in Research Graduate Student Award	<i>November 2020</i>
	Departmental Mid-Career TA Award	<i>May 2019</i>
	UW-Madison Physical Sciences Award	<i>September 2016</i>
	Outstanding Undergraduate Award of Nankai University	<i>June 2016</i>
	Chinese National Scholarship	<i>November 2014</i>
	Po-Ling Mathematics Honorable Scholarship	<i>2013,2014,2015</i>
CONFERENCES ATTENDED	Integrability and Combinatorics at Finite Temperature (online), MATRIX Institute	<i>June 2021</i>
	Conference on New Developments in Probability (online)	<i>May 2021</i>

2021 Southeastern Probability Conference (online), Duke University	<i>May 2021</i>
The 42nd Midwest Probability Colloquium (online), Northwestern University	<i>October 2020</i>
CMI-HIMR Integrable Probability Online Summer School	<i>July 2020</i>
Online Open Probability School, UBC	<i>June 2020</i>
Online conference on Statistical Mechanics, Integrable Systems and Probability	<i>May 2020</i>
The 41st Midwest Probability Colloquium, Northwestern University	<i>October 2019</i>
AMS Sectional Meeting AMS Special Sessions, UW-Madison	<i>September 2019</i>
Virginia Integrable Probability Summer School, University of Virginia	<i>May 2019</i>
The 40th Midwest Probability Colloquium, Northwestern University	<i>October 2018</i>
The 2nd Northwestern Summer School in Probability, Northwestern University	<i>July 2018</i>
Summer School on Random Matrices, University of Michigan-Ann Arbor	<i>June 2018</i>
The 39th Midwest Probability Colloquium, Northwestern University	<i>October 2017</i>
Dyson-Schwinger Equations, Topological Expansions, and Random Matrices, Columbia University	<i>August 2017</i>
PCMI Graduate Summer School in Random Matrices, Park City Mathematics Institute	<i>July 2017</i>

SERVICE

Scientific Committee	
• The First International Conference for Chinese Young Probability Scholars	<i>October 2021</i>
Mentor, Directed Reading Program	
• An introduction to random matrix theory	<i>Fall 2019</i>

EXPERIENCE

<b>UW-Madison, Department of Mathematics</b> , Teaching Assistant	<i>Fall 2016 - present</i>
• Calculus with Algebra and Trigonometry I (rated as Superior)	
• Calculus and Analytic Geometry II (rated as Satisfactory)	
• Calculus - Functions of Several Variables (rated as Superior for all 4 semesters)	
• Linear Algebra and Differential Equations (rated as Superior)	
• Elementary Matrix and Linear Algebra (online, rated as Superior)	
<b>UW-Madison, Department of Mathematics</b> , Course Assistant	<i>Summer 2020, Summer 2021</i>
• Introduction to Stochastic Processes (online)	
<b>UW-Madison</b> , Research Assistant with Prof. Benedek Valkó	<i>Spring 2019, Spring 2020</i>