

Ryan Wandsnider

Curriculum Vitae

✉ [rjwandsnider at utexas dot edu](mailto:rjwandsnider@utexas.edu), [rw3239 at columbia dot edu](mailto:rw3239@columbia.edu)
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Education

- 2026–2027 **Visiting Student Intern**, *Columbia University*
- 2023– **PhD in Mathematics (expected)**, *UT Austin*
Advisor: Lucas Mason-Brown
- 2019–2023 **BA in Mathematics with Honors**, *University of Chicago*, Cum Laude

Conferences, Workshops, and Schools

- 2026 **Recent Progress on the Unitary Dual Problem**, *Brin Mathematics Research Center*
- 2026 **The Unitary Dual of Local Reductive Groups**, *Institute of Mathematics of University of Sevilla*
- 2026 **Hot Topics Workshop: Geometric Langlands Conjecture**, *SLMath*
- 2025 **Trace Formula, Endoscopic Classification and Beyond: the Mathematical Legacy of James Arthur**, *Fields Institute*
- 2025 **Texas Algebraic Geometry Symposium (TAGS)**, *Texas A&M*
- 2025 **Arizona Winter School: Representation theory of p-adic groups**, *University of Arizona*
- 2024 **Texas Algebraic Geometry Symposium (TAGS)**, *Texas A&M*
- 2024 **Algebraic Geometry Northeastern Series (AGNES)**, *Boston College*

Teaching

- 2024–2026 **Teaching Assistant**, *UT Austin*
- Spring 2026 – M 427L Advanced Calculus for Applications II
 - Fall 2025 – M 340L Matrices and Matrix Calculations
 - Spring 2025 – M 408C Integral and Differential Calculus
 - Fall 2024 – M 408D Sequences, Series, and Multivariable Calculus
- 2021–2023 **Teaching Assistant**, *University of Chicago*
- 2020–2021 **Grader**, *University of Chicago*

Mentoring and Outreach

- 2026 **Algebra I Bootcamp Leader**, *UT Austin*
I ran a bootcamp in Summer 2026 to prepare the incoming students for the Algebra I preliminary exam.
- 2025–2026 **Sunday Morning Math Group Volunteer**, *UT Austin*
Middle school students attend a talk given by a graduate student on pure mathematics and then work on problems with assistance from other graduate students
Gave talks on algebraic number theory and combinatorics
- 2023–2026 **Directed Reading Program Mentor**, *UT Austin*
Mentor undergraduates through independent study of advanced topics in mathematics
- Summer **Young Scholars Program Mentor**, *University of Chicago*
- 2021, 2022 Led discussion sections for high school students learning pure mathematics

Awards

- 2024 **Frank Gerth III Teaching Excellence Award**, *UT Austin*
- 2023 **Provost's Graduate Excellence Fellowship**, *UT Austin*