Paul Tee

Ph.D. Student in Mathematics
University of Connecticut
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RESEARCH   Geometric Analysis, specifically questions related to scalar curvature.

EDUCATION

Ph.D. Mathematics, Present
University of Connecticut, Storrs, CT
- Ph.D. research in geometric analysis under supervision of professor Lan-Hsuan Huang.

M.A. Mathematics, 2021
McGill University, Montreal, QC
- M.A. research thesis in low-dimensional topology consisting of classifying systems of curves on the 4-punctured sphere which intersect at most once under supervision of professor Piotr Przytycki.

B.Sc. Mathematics, 2019
University of Texas, Austin, TX
- B.Sc. in pure mathematics with McCombs business certificate.

PAPERS
- Arcs Intersecting at Most Once on the 4-Punctured Sphere

CONFERENCES
- *NEWGA*, Storrs, *Nov 2022*
- ~~*International Congress of Mathematics*, St. Petersburg, Russia, *Jul 2022.*~~
- *Thematic Program on Nonsmooth Riemannian and Lorentzian Geometry*, Toronto, *Sep 2022.*
- *SIGMA Seminar*, Storrs, *Oct 2021.*
- *Young Geometric Group Theory IX*, France, *Feb 2020.*
- *DRP Symposium*, Austin, *Dec 2019.*
- *DRP Symposium*, Austin, *May 2017.*

OUTREACH
- Organized the following seminars.

– Geometry and Analysis Student Seminar	*Sp 2023*
– PDE Student Learning Seminar	*Fa 2022*

- Mentored the following undergraduates for *Directed Reading Program*.

– Jackson Hebner: Financial Mathematics.	*Sp 2023*

- Co-founded *Board for Student Advocacy*, an initiative at UT to support undergraduates in physics, math and astronomy, especially those who are underrepresented. Pushed for equal representation of women as learning assistants in physics and the development of a physical space for collaboration amongst undergraduates.

TEACHING

- Calculus 2   *Sp 2023*
- Calculus 3   *Fa 2023*
- Calculus 2   *Sp 2022*
- Calculus 1   *Fa 2021*

AWARDS

- *STP- Przytycki - NSERC RGPIN 0, 2019-2021*
  $24,000 CAD. Stipend for master's program.

- *Grad Excellence Award-00290, 2019-2021*
  $3,067 CAD. Nominated by McGill's math department for excellence.