

Robert P. Laudone

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📄 <https://www.math.wisc.edu/~laudone/>

Education

- 2015– **Ph.D. Mathematics**, *University of Wisconsin-Madison*.
Advisor(s): Steven Sam, Daniel Erman
- 2011–2015 **B.S. Mathematics**, *Boston College*, Summa Cum Laude.

Awards, Grants, Honors

- 2019 **Letters and Science Teaching Fellowship**, *UW Madison*.
- 2018 **Departmental Mid-Career TA Award**, *UW Madison*.
- 2017–2020 **Research Training Grant Fellowship**, (*4 summers and 4 semesters*).
- 2016 **Honored Instructor Teaching Award**, *UW Madison*.
- 2015 **Paul J. Sally Jr. Distinguished Alumnus in Mathematics**, *Boston College*.
- 2015 **Graduation with Mathematics Honors**, *Boston College*.
- 2015 **MAA Student Travel Grant**.
- 2014 **Phi Beta Kappa**.
- 2014 **Pi Mu Epsilon**.

Papers

4. **Representation Stability for Sequences of 0-Hecke Modules**
Robert P. Laudone
In Preparation
3. **Syzygies of secant ideals of Plücker embedded Grassmannians are generated in bounded degree**
Robert P. Laudone
Submitted
[arXiv:1803.04259](https://arxiv.org/abs/1803.04259)
2. **Computing Schur complexes**
Michael K. Brown, Hang Huang, Robert P. Laudone, Michael Perlman, Claudiu Raicu, Steven V Sam, João Pedro Santos
J. Softw. Alg. Geom., To appear.
[arXiv:1812.00790](https://arxiv.org/abs/1812.00790)

1. **The spin-Brauer diagram algebra**

Robert P. Laudone

Journal of Algebraic Comb., To appear.

[arXiv:1704.00111](#)

———— Talks

7. University of California San Diego, Combinatorics Seminar, May 2019
6. University of Nebraska-Lincoln, KUMUNUJr, April 2019
5. University of Wisconsin-Madison, Combinatorics Seminar, March 2018
4. DePaul University, Algebra Seminar, November 2017
3. University of Wisconsin-Madison, Algebraic Geometry Seminar, March 2017
2. Brown University, Brown SUMS Conference, Primary Speaker, March 2015
1. Joint Mathematics Meetings, San Antonio, January 2015

———— Teaching Experience

Instructor

2015-2020

- Courses Taught: Calculus 1 and 2
- Selected as a TA coordinator in Spring 2016 (overseeing first-year TAs)
- Guest lecture in Calculus 2 in Fall 2017, Reference: Daniel Erman
- Selected for TA training program, 2016
- Average student evaluation score: 4.85/5.00
- 94% of students, across all sections, agreed that “Instructor’s teaching is truly outstanding”

———— Other Outreach

Directed Reading Program Mentor

2016-2018

- 2016: Graph theory and combinatorics
- 2017: Representation theory of the symmetric group
- 2018: Symmetric functions

Workshop Organizer

- International TA training program at UW-Madison, Summer 2016-2017, 2019
- Letters and Sciences TA training at UW-Madison, Summer 2019