

Sam McKeown | Curriculum Vitae

people.math.wisc.edu/ smckeown2/

Education

University of Wisconsin-Madison

Ph.D. Mathematics

2022–Present

I'm supervised by Timo Seppäläinen, working on random growth models.

Trinity College Dublin

M.Sc. High Performance Computing (Distinction)

2021–2022

This was a taught master's degree. My thesis was supervised by Nicolas Mascot and titled *Parallel Approaches to Factoring Polynomials over Finite Fields*.

Trinity College Dublin

B.A. Mathematics (First class)

2014–2018

My thesis was supervised by Richard Timoney and titled *Applications of Choquet theory to representations of operator systems*. It was an account of recent results in operator algebras by Davidson and Kennedy, who settled long-standing open problems in the non-commutative generalisation of Choquet theory.

Teaching experience

University of Wisconsin-Madison

Teaching assistant

2022–Present

I supervise discussion sessions, mostly for calculus courses.

Trinity College Dublin

Teaching assistant

2021–2022

I gave tutorials (problem sessions) on introductory algebra and analysis classes for mathematics students.

Trinity College Dublin

Teaching assistant

2015–2018

I corrected homework assignments, prepared worked solutions and occasionally supervised tutorials.

Awards

2018: Bishop Law Moderatorship Prize, TCD, Awarded to the maths student graduating with the highest mark that year.

2017: Hamilton Prize, Royal Irish Academy, Awarded to a student nominated by the TCD School of Mathematics.

2017: Minchin Prize, 1st part, TCD, Awarded to two maths students who displayed particular merit in their 3rd year.

2017: Lloyd Exhibition, 1st part, TCD, Awarded to the maths student who performed best in the 3rd year exams that year.

2016: Rowe Prize, 1st part, TCD, Awarded to the maths student who performed best in the 2nd year exams that year.

2016: Foundation Scholarship, non-foundation, TCD, Awarded upon passing a set of elective exams.

2015: Arthur Lyster Prize, 2nd part, TCD, Awarded on the basis of examination performance to maths students who did qualify for another award that year.