

JOSEPH KWONG

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The University of Queensland, Brisbane, QLD 4072, Australia

EDUCATION

2025 – 2027 MPhil in Mathematics, The University of Queensland, Australia.

Advisors: Dr Ramiro Lafuente, Dr Kyle Broder.

2021 – 2025 Bachelor of Mathematics with Honours (Class I), The University of Queensland, Australia.

Undergraduate thesis: Isometries of symmetric spaces. Advisor: Dr Ramiro Lafuente. GPA: 7/7.

SCHOLARSHIPS AND AWARDS

Scholarships

2025 – 2027 Australian Government Research Training Program Scholarship.

Competitive scholarship awarded to Australian graduate research students.

2024 Australian Mathematical Sciences Institute Vacation Research Scholarship.

Scholarship awarded to high achieving students who have been accepted into the AMSI Vacation research program.

2022 The University of Queensland Winter Research Scholarship.

Short-term scholarship awarded to undergraduate students who have demonstrated academic excellence.

2022 The University of Queensland Michael P O'Donnell Memorial Prize.

Awarded to the student with greatest proficiency in first attempt at 6 units of level 3 pure mathematics courses in 2022.

Awards

2021 – 2025 Dean's Commendation for Academic Excellence.

Awarded to students who have achieved outstanding results in a semester; I was awarded this 8 times throughout my undergraduate degree.

2024 AMSI Summer Research Best Presentation

Awarded to the student who was voted by peers to have the best presentation at AMSI summer research 2024, out of 26 other presentations.

TEACHING

2021 – 2026 Tutor, The University of Queensland.

Subjects: MATH3303 (Abstract algebra), MATH3402 (Functional analysis), MATH1061 (Discrete mathematics), MATH1040 (Mathematical foundations I)

TALKS

May 2026 *The pluriclosed flow on Lie groups*, MATRIX, Creswick, Australia.

Feb 2026 *Special Hermitian metrics on Lie groups*, MATRIX, Creswick, Australia.

May 2025 *Isometries of symmetric spaces*, Honours final talk, Brisbane, Australia.

Jan 2025 *Isometries of the hyperbolic plane*, AMSI summer school, Sydney, Australia.

Sep 2024 *Isometries of the hyperbolic plane*, University of Queensland Mathematics Students Society, Brisbane, Australia.

Feb 2024 *SO(n)-invariant Einstein metrics*, AMSI summer research, Melbourne, Australia.

May 2024 *The uniformisation theorem*, coursework, Brisbane, Australia.

Oct 2023 *Hopf algebras*, coursework, Brisbane, Australia.

Feb 2023 *Harmonic manifolds*, coursework, Brisbane, Australia.