

Stanford

Calder Morton-Ferguson

Szego Assistant Professor of Mathematics

Bio

BIO

This year, I will be a Szegő Assistant Professor in Stanford's math department. I completed my PhD at MIT from 2019-2024 under the supervision of Roman Bezrukavnikov. My research interests lie in the intersection of algebra, geometry, and combinatorics, particularly in the context of geometric representation theory.

ACADEMIC APPOINTMENTS

- Szego Asst Professor, Mathematics

Teaching

COURSES

2024-25

- Linear Algebra, Multivariable Calculus, and Modern Applications: MATH 51 (Aut)
- Topics in Algebraic Geometry: MATH 245C (Spr)

Publications

PUBLICATIONS

- **Symplectic Fourier-Deligne Transforms on G/U and the Algebra of Braids and Ties** *INTERNATIONAL MATHEMATICS RESEARCH NOTICES*
Morton-Ferguson, C.
2024