Email: ucahkma@ucl.ac.uk

Education September 2020-Present: PhD student in **Mathematics** at

University College London, advisor: Costante Bellettini,

expected completion in 2024.

October 2016-July 2020: Master of Mathematics (MMATH) at

The University of Warwick, grade: first class honours.

Teaching Experience Undergraduate Supervisor (at The University of Warwick)

For the 2019/20 academic year I supervised five first year mathematics students. This involved marking weekly

assignments as well as organising and running two

supervisions per week.

Organisation Early Career Researchers in Mathematics, June 2022:

Organising funding applications, catering and scheduling.

Warwick Imperial Autumn Meeting, November 2019:

Secured plenary talk, speakers and catering.

Awards 2022 London Mathematical Society, Scheme 8 - Postgraduate

Research Conference Grants, £2500 awarded to be used for

Early Career Researchers in Mathematics.

Talks Title: L^p bounds and Bernstein Theorems, Location: London

Geometric Analysis Reading Seminar, Date: October 2021.

Title: The Isoperimetric Inequality for a Minimal Sub-manifold in Euclidean Space, Location: London Geometric Analysis

Reading Seminar, Date: June 2021.

Research Interests My research is focused on singular minimal hyper-surfaces,

specifically those produced by min-max methods. Broadly I'm interested in Geometric Analysis, Geometric Measure Theory

and Elliptic/Parabolic PDEs.