Jonathan M. Fraser, PhD, FRSE

short CV — last updated: April 15, 2024

EMPLOYMENT & EDUCATION

- Aug 2021 – present: Professor of Mathematics and Statistics, University of St Andrews.
- Aug 2018 – July 2021: Reader in Mathematics and Statistics, University of St Andrews.
- Aug 2016 – July 2018: Lecturer in Mathematics and Statistics, University of St Andrews.
- Sept 2014 – July 2016: Lecturer in Pure Mathematics, University of Manchester.
- July 2013 – Aug 2014: Research Fellow, University of Warwick.
- Sept 2009 – June 2013: PhD in Pure Mathematics, University of St Andrews.
- Sept 2005 – May 2009: MMath (with Hons), First Class, University of St Andrews.

RESEARCH ACTIVITY

My research interests centre on Fractal Geometry, Analysis and Dynamics. I have written 76 research articles, 5 survey articles, and a book (CUP, 2020). To date, 73 research articles have been accepted for publication by internationally leading peer reviewed journals including:

- Advances in Mathematics (×4)
- Analysis & PDE
- Bulletin of the American Mathematical Society
- Ergodic Theory and Dynamical Systems (×7)
- Indiana University Mathematics Journal (×5)
- International Mathematics Research Notices (×2)
- Israel Journal of Mathematics (×2)
- London Mathematical Society Journals (×4)
- Mathematische Annalen
- Mathematische Zeitschrift (×3)
- Proceedings of the AMS (×7)
- Transactions of the AMS (×4)

I have over 1400 citations and an h-index of 21 (Google Scholar). I have given over 70 (external) research talks and am regularly invited to speak at large international conferences, including the opening keynote lecture at *Fractal Geometry and Stochastics VI* in 2018.

SELECTED GRANTS

Total grant income of £1,252,406 since 2015 including:

- 2024–28: Leverhulme Trust Research Project Grant (PI) —————————————— £377,327
- 2019–23: Leverhulme Trust Research Project Grant (PI) —————————————— £324,135
- 2018–21: EPSRC Standard Grant (PI) —————————————— £336,123

SELECTED APPOINTMENTS

- 2024:   Director of Research, School of Maths and Stats, Uni. St Andrews.
- 2022– :   Editor-in-Chief, *Proceedings of the Royal Society of Edinburgh (Section A, Mathematics)*.
- 2022:   *Swedish Research Council - Mathematics Panel*.
- 2020–22: *REF 2021, Sub-panel 10: Mathematical Sciences*.
- 2020– :   *Scottish Mathematical Council*, Full Member.
- 2019– :   Head of Analysis Research Group, School of Maths and Stats, Uni. St Andrews.

SELECTED AWARDS

- 2024: *Fellow of the Royal Society of Edinburgh* (FRSE).
- 2023: *Sir Edmund Whittaker Memorial Prize*, Edinburgh Mathematical Society.
- 2022: *Sir Thomas Makdougall Brisbane Medal*, Royal Society of Edinburgh.