Joe Philip Watkins

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WORK EXPERIENCE

Outreach Officer | University of Kent (2014 - present)

- Overall responsibility for all Maths Outreach work, including on-campus events, in-school sessions and various local science festivals

- Running several mentoring and revision programmes for local A-Level students, including the development of relevant learning resources and materials

- Leading a team of approximately twenty Undergraduates and several Postgraduates to deliver a wide range of Outreach and Recruitment events

- Working with several local organisations, including the Education Business Partnership, Further Mathematics Support Programme and STEMnet

- Member of the Further Mathematics Support Programme's local teacher network

- Convening the Foundation Year module 'Graphs, Geometry and Trigonometry'

- Convening the Stage 1 modules 'Matrices and Probability' and 'Matrices and Computing'

- Convening the Stage 1 tutorials for core modules

- Supervising final year project students

- Committee member (Faculty Recruitment and Outreach, School Athena Swan, School Learning and Teaching)

- Contribution towards several academic support programmes (VALUE, VALUEPlus, Academic Peer Mentoring, Recharge Your Maths quizzes)

- Organisation of Open Days and Applicant Days

Temporary Lecturer | University of Kent (2012 - 2014)

- Teaching the Foundation Year module 'Graphs, Geometry and Trigonometry'

- Teaching the Stage 1 tutorials for core modules

- Some involvement with Outreach, including Mathematics Masterclasses and the Science Extravaganza

Maths Clinic Advisor | University of Kent (2009 - 2012)

- Jointly ran the Campus Maths Clinic, which involved tutoring students from various departments, and from Undergraduate to PhD

Private Tutor | University of Kent (2008 - 2012)

- Tutoring from Primary to University level, in Mathematics, Physics and occasionally in English Literature

EDUCATION

University of Kent (2005 - 2008 / 2008 - 2012)

- PhD in Applied Mathematics, with thesis title 'Spectral Analysis of a 1D Schroedinger Problem'

- Department and faculty student rep

- Many different teaching duties throughout my PhD, including leading small tutorial classes and larger lectures for Foundation Year

- 1st class BSc (Hons) in Mathematics. Final year dissertation was titled 'The Riemann Zeta Function'

- Three year member of the Creative Writing Society. President from 2007-2008