

Evi Papadaki

MASH Teaching Fellow

PhD in Mathematics Education

📍 WH 8.30, University of Bath, UK

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RESEARCH INTERESTS

- mathematics classroom discourse
- discourse and identity in mathematics teaching
- mathematics support
- university mathematics for non-mathematics specialists

AWARDS & FUNDING

Recognising Excellence Award 2023-24

University of Bath

(£250)

Share Teaching Development Fund for presenting at INDRUM2024

University of Bath

(£500)

Recognising Excellence Award 2022-23

University of Bath

(£250)

Faculty of Social Sciences Studentship for completion of doctoral studies

University of East Anglia

(£15K p.a. + fees)

IT SKILLS

Tools for designing learning resources

- NUMBAS
- Quarto & RMarkdown
- LaTeX

Qualitative Data Analysis tools

- NVivo
- ATLAS.ti

Quantitative Data Analysis tools

- SPSS
- R programming

Learning Management Systems

- Moodle
- Blackboard

Other

- Microsoft 365

RESEARCH EXPERIENCE

Research Associate

2024 – present

University of East Anglia

- Developing evidence-based PD resources for mathematics teachers
- Project: MathTASK funded by Higher Education Impact Fund

Research Assistant

2019 – 2022

University of East Anglia

- Developing evidence-based PD resources for mathematics teachers
- Literature review, drafting (online) questionnaires, data collection (participatory observation), data analysis
- Drafting reports and funding applications
- Maintaining the website of the project, keeping records of activities
- Project: MathTASK funded by Higher Education Impact Fund

TEACHING EXPERIENCE IN HIGHER EDUCATION

MASH Teaching Fellow

2022 – present

University of Bath, UK

- Department: Mathematics Resources Centre
- Advising staff on mathematics and statistics education
- Developing accessible online resources and dynamic e-assessments
- Organising PD workshops on teaching mathematics in Higher Education
- Offering specialist statistics advice to students and staff
- Supporting students during the daily drop-ins

Associate lecturer

2023

University College London, UK

- Module: "Understanding Research" (postgraduate)
- Supervising 10 MA in Mathematics Education students, marking summative assignments, admin

Sessional Learning Enhancement Tutor (Maths & Stats)

2018 – 22

University of East Anglia, UK

- Co-delivery of workshops for students across the university
- Supporting students during Maths Helpdesk sessions
- Reviewing learning resources
- Outreach activities

Associate lecturer

2022

University of East Anglia, UK

- Module: "Quantitative Research Methods in Education" (postgraduate)
- Delivering all lectures and seminars, supervising 6 MA students, marking, admin

Associate lecturer

2019 – 20

University of East Anglia, UK

- Module: "Children, Teachers and Mathematics" (undergraduate)
- Delivering weekly seminars, providing feedback, marking, admin

Teaching Assistant

2015 – 18

University of Crete, Greece

- Modules: "Calculus I", "Linear Algebra I", and "Geometry and Linear Algebra", "Analytic Geometry and Complex Numbers"
- Supporting undergraduate Mathematics students during workshops

OTHER TEACHING EXPERIENCE

Mathematics and Statistics Tutor

2021 – present

self-employed, UK

- Topics: KS3 Mathematics, GCSE Mathematics, A Level Mathematics, A Level Further Mathematics, Undergraduate Mathematics and Statistics, Postgraduate Statistics
- 17 students
- Delivering content, preparing students for exams, providing feedback

Online Brilliant Tutor

2022

The Brilliant Club, UK

- Preparing and delivering online sessions for KS3 students from less advantaged backgrounds, providing formative feedback

Mathematics Tutor

2015 – 18

self-employed, Greece

- Topics: Secondary School Mathematics, Undergraduate Mathematics
- 19 students
- Delivering content, preparing students for exams, providing feedback

Volunteering Mathematics Tutor

2015 – 2016

Community Centre of Kaminia, Crete, Greece

- Supporting secondary school students from disadvantaged backgrounds

Practical Training as Secondary Mathematics Teacher

2015

Experimental School of University of Athens, Greece

QUALIFICATIONS & MEMBERSHIPS

- Associate Fellow in Higher Education
- Qualified Teacher Status in UK
- Events Secretary of the national steering group for the **sigma** Network
- Member of the British Society for Research into Learning Mathematics (BSRLM)

OUTREACH & PUBLIC ENGAGEMENT

- Presentation at CETL-MSOR conference
Sept 2023, Cardiff, UK
- Lightning talk – Part of the EduFest
May 2023, Bath, UK
- Guest blog post in [Her Maths Story](#)
May 2022
- Hands-on science workshop in [Norwich Science Festival 2021](#)
Oct 2021, Norwich, UK
- Hands-on science workshop in [Norwich Science Festival 2019](#)
Oct 2019, Norwich, UK

LANGUAGES

Greek: Native
English: Proficient
Spanish: Beginner

EDUCATION

PhD	<i>Mathematics Education</i> <i>School of Education and Lifelong Learning</i> <i>University of East Anglia, UK</i> Thesis: “Beyond the Mathematics of the Moment: Exploring Teacher Discourse at the Mathematical Horizon”	2023
MSc	<i>Mathematics and its Applications</i> <i>Department of Mathematics and Applied Mathematics</i> <i>University of Crete, Greece</i> Grade: Distinction Specialisation: Mathematics for Education Dissertation: “Design of tasks for the understanding of the concept of Linear Span”	2017
BSc	<i>Mathematics</i> <i>Department of Mathematics</i> <i>National and Kapodistrian University of Athens, Greece</i> Grade: 6.58 (top 30% of class upon graduation – equivalent to ‘First’) Study Emphasis: Applied Mathematics Specialisation: Mathematics Education	2015

PRESENTATIONS IN CONFERENCES WITH PUBLISHED PROCEEDINGS

- British Society for Research into Learning Mathematics (BSRLM) Autumn Conference
Nov 2023, Bristol, UK
- British Society for Research into Learning Mathematics (BSRLM) Spring Conference
Mar 2023, London, UK
- Conference of the Greek Association of Researchers in Mathematics Education - Ev.E.Δ.L.M. 9
Jun 2022, Volos, Greece
- Conference on European Research in Mathematics Education - CERME12
Mar 2022, Online
- Annual Conference of the International Group for Psychology in Mathematics Education – PME44
Jul 2021, Online
- British Society for Research into Learning Mathematics (BSRLM) Spring Conference
Mar 2021, Online
- British Society for Research into Learning Mathematics (BSRLM) Spring Conference
Mar 2020, Cambridge, UK
- British Society for Research into Learning Mathematics (BSRLM) Spring Conference
Mar 2019, Milton Keynes, UK
- International Network for Didactic Research in University Mathematics – INDRUM2018
Apr 2018, Kristiansand, Norway
- Conference of the Greek Association of Researchers in Mathematics Education - Ev.E.Δ.L.M. 7
Dec 2017, Athens, Greece

INVITED TALKS

- Where to begin in the world of Mathematics Education research – PriME seminar, Department of Mathematical Sciences, University of Bath
March 2024, Bath, UK
- NUMBAS, an e-assessment tool for learning – Part of the *EduFest2024*, University of Bath
Feb 2024, Online
- Setting up a Maths and Statistics teaching support service – Part of the **sigma** event on *Embedding Maths and Stats Support*
May 2023, Online

Journal articles

Smith, T., & Papadaki, E. (in press) What role does skill centre based consultancy serve in mathematics and statistics teaching communities of practice?. *MSOR Connections*.

Doctoral thesis

Papadaki, E. (2023). Beyond the Mathematics of the Moment: Exploring Teacher Discourse at the Mathematical Horizon. [Doctoral thesis, University of East Anglia]. https://ueaeprints.uea.ac.uk/id/eprint/93504/1/2023-Papadaki.P-PhD_Final_Thesis.pdf

Papers in peer-reviewed conference proceedings

Papastathi, C., Kanellos, I., Papadaki, E., Biza, I., & Nardi, E. (2022). Πάρε θέση! Η μαθηματική απόδειξη ως εργαλείο τεκμηρίωσης στην τάξη [Make up your mind! The mathematical proof as an argumentation instrument in the class]. *Proceedings of Nineth Conference of the Greek Association of Research in Mathematics Education (Ev.E.Δι.Μ. 9)*, Ev.E.Δι.Μ.

Biza, I., Nardi, E., Argyris, D., Kalikakis, D., Kanellos, I., Kotarinou, P., Koukoulakis, C., Mpalabanidou, Z., Papadaki, E., & Stylianidou, A. (2022). Μοντέλα επιμόρφωσης για την ανατροφοδότηση από την έρευνα στη διδακτική πράξη της διδασκαλίας των μαθηματικών και αντίστροφα [Professional development models based on the reciprocal feedback between research and mathematics teaching practice]. *Proceedings of Nineth Conference of the Greek Association of Research in Mathematics Education (Ev.E.Δι.Μ. 9)*, Ev.E.Δι.Μ.

Papadaki, E. & Biza, I. (2022). Teaching beyond the mathematics of the moment, *Proceedings of the Twelfth Congress of the European Society for Research in Mathematics Education (CERME 12)*. <https://hal.archives-ouvertes.fr/hal-03745470>

Papadaki, E. (2021). Routines at the horizon: when and how a teacher can go beyond the mathematics of the moment. In Inprasitha, M., Changsri, N., Boonsena, N. (Eds.), *Proceedings of the 44th Conference of the International Group for the Psychology of Mathematics Education* (Vol.1) (p. 169). PME. https://pme44.kku.ac.th/home/uploads/volumn/pme44_vol1.pdf

Papadaki, E. & Kourouniotis, C. (2018). Tasks for enriching the understanding of the concept of linear span. *Proceedings of the Second Conference of the International Network for Didactic Research in University Mathematics (INDRUM2018, 5-7 April 2018)*, 275-284. <https://hal.archives-ouvertes.fr/hal-01849948/document>.

Papadaki, E. & Kourouniotis, C. (2017). Η έννοια της γραμμικής θήκης μέσα από τα μάτια ενός πρωτοετή φοιτητή μαθηματικών [The notion of linear span through the eyes of a first year mathematics student]. *Proceedings of Seventh Conference of the Greek Association of Research in Mathematics Education (Ev.E.Δι.Μ. 7)*, Ev.E.Δι.Μ.

Kourouniotis, C. & Papadaki, E. (2017). Η εισαγωγή της έννοιας του διανύσματος [Introducing the concept of vectors]. Poster session presented at *Seventh Conference of the Greek Association of Research in Mathematics Education (Ev.E.Δι.Μ. 7)*, Ev.E.Δι.Μ.

Papers in conference proceedings (other)

- Nardi, E., Biza, I., Moustapha-Corrêa, B., Papadaki, E., & Thoma, A. (2021). From student scribbles to institutional script: Towards a commognitive research and reform programme for university mathematics education. In R. Marks (Ed.), *Proceedings of the British Society for Research into Learning Mathematics*, 41 (1). British Society for Research into Learning Mathematics. <https://bsrlm.org.uk/publications/proceedings-of-day-conference/ip41-1/>
- Papadaki, E. & Biza, I. (2020). Conceptualising the Discourse at the Mathematical Horizon: Looking at one teacher's actions "beyond the mathematics of the moment". *Proceedings of the British Society for Research into Learning Mathematics*, 40 (1). <https://bsrlm.org.uk/wp-content/uploads/2020/05/BSRLM-CP-40-1-12.pdf>
- Papadaki, E. (2019). Mapping out different discourses of mathematical horizon. *Proceedings of the British Society for Research into Learning Mathematics*, 39 (1). <https://bsrlm.org.uk/wp-content/uploads/2019/07/BSRLM-CP-39-1-07.pdf>

Master dissertation

- Papadaki, E. (2017). Design of tasks for the understanding of the concept of Linear Span. [Master Dissertation, University of Crete]. <https://elocus.lib.uoc.gr/dlib/6/b/a/metadata-dlib-1512027006-378155-4203.tkl>