

**Evi Papadaki**  
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PhD in Mathematics Education  
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RESEARCH INTERESTS

- Mathematical discourse for teaching
- Educational technologies in HE
- Teaching practices for non-mathematics specialists in HE

AWARDS

**Recognising Excellence Award 2023-24**  
*University of Bath*  
(£250)  
**Recognising Excellence Award 2022-23**  
*University of Bath*  
(£250)

FUNDING

**Ian Hunter Award** for Beyond the Mathematics of the Moment project  
*University of East Anglia*  
(£4670)  
**Share Teaching Development Fund** for presenting at INDRUM2024  
*University of Bath*  
(£500)  
**Faculty of Social Sciences Studentship** for completion of doctoral studies  
*University of East Anglia*  
(£15K p.a. + fees)

QUALIFICATIONS & MEMBERSHIPS

- Fellow in Higher Education (FHEA)
- 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)

RESEARCH EXPERIENCE

**Postdoctoral Research Associate (0.1 FTE)** 2024 – present  
*University of East Anglia*

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

**Postdoctoral Research Associate** 2024  
*University of Southampton*

- Literature review, data collection, data analysis and preparing reports

**Graduate 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 (0.6 FTE)** 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 Tutor** 2023 – 2024  
*University College London, UK*

- Postgraduate Modules: "Understanding Research", "Digital Technologies for Mathematical Learning", "Mathematics for Teachers"
- Supervision of MA students, personal tutor for modules, marking, 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

**Graduate Teaching Assistant** 2022  
*University of East Anglia, UK*

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

**Graduate Teaching Assistant** 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 Teacher (0.3 FTE)** 2024 – present  
*Frome College, UK*

- Teaching A-Level Further Mathematics

**Mathematics and Statistics Tutor** 2021 – 2024  
*self-employed, UK*

- Mathematics and Further Mathematics (GCSE, A Level), 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*

- 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

OUTREACH & PUBLIC ENGAGEMENT

- Conference Presentation **CETL-MSOR 2024**  
Aug 2024, Limerick, Ireland
- Conference Presentation **CETL-MSOR 2023**  
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

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

LANGUAGES

Greek: Native  
English: Proficient  
Spanish: Beginner

EDUCATION

<i>PhD</i>	<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
<i>MSc</i>	<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
<i>BSc</i>	<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

- International Network for Didactic Research in University Mathematics – INDRUM2024  
June 2024, Barcelona, Spain
- 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.Δι.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.Δι.M. 7  
Dec 2017, Athens, Greece

INVITED TALKS

- How being involved in statistics support changed aspects of my professional identity – Part of the **sigma** online workshop: Supporting each other in Statistics Support  
Oct 2024, Online
- 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.** (2024). What role does skill centre based consultancy serve in mathematics and statistics teaching communities of practice? *MSOR Connections*, 22(2), 54-60. <https://doi.org/10.21100/msor.v22i2.1475>

**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](https://ueaeprints.uea.ac.uk/id/eprint/93504/1/2023-Papadaki.P-PhD_Final_Thesis.pdf)

**Papers in peer-reviewed conference proceedings**

**Papadaki, E.**, Smith, T., Crennel, S., & Ali W. (in press). Integrating Worlds: An a priori Analysis of Contextualised NUMBAS Questions in Natural Sciences. *Proceedings of the Fifth Conference of the International Network for Didactic Research in University Mathematics* (INDRUM2024, 10-14 July 2024).

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](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>