



THE UNIVERSITY
of EDINBURGH

Summer Opportunities Information Event

School of Maths

Open to
the world

Coming up...

- School of Maths Vacation Scholarships
- Count Me In
- Summer Internships
- Q&A





THE UNIVERSITY
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Vacation Scholarships

1-1 Summer Research Projects in the
School of Maths

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What are Vacation Scholarships?

- A **6-week** summer research project supervised by someone from the School of Maths
- The precise nature of the project will depend on your chosen area and supervisor e.g. reading textbooks and research papers, deriving new examples, programming, short proofs
- Projects usually take place sometime in **June - August**
- You will write a **short report** (~10 pages) at the end
- See the vacation scholarships website for example reports



Who can apply for a Vacation Scholarship?

- Any student on a degree in the School of Maths or on a joint degree with Maths in:
 - Year 2 or Year 3
 - Year 4 of a 5-year degree
- Applicants should be on track to get at least a 2:1 in their degree



How to apply for Vacation Scholarships?

- **Step 1: Complete an expression of interest form**
 - Deadline: **Friday 2nd February 2024** (end of day)
 - Tells us you want to do a summer research project
 - Tells us what area(s) of maths you're interested to do a project in (general or specific!)
 - Expression of interest form can be found on our website OR scan the QR code
 - Complete this whether you've spoken to a potential supervisor or not

School of Maths Vacation
Scholarships Expression of Interest
Form 2024



How to apply for Vacation Scholarships?

- **Step 2: Invited students submit application and project proposal to the School of Maths**
 - Deadline: **Friday 15th March 2024** (end of day)
 - The top students who submitted an expression of interest form will be invited to submit a School of Maths funding application (includes project proposal)
 - Application will be on the vacation scholarships website by Week 4
 - You can find your own supervisor in the School of Maths or the coordinator can help to put you in touch with potential supervisors
 - You should apply for at least one other source of funding to increase your chances



Potential supervisors

- You can contact any staff member in the School of Maths about supervision e.g. postdoc/lecturer/reader/professor
- Just send them a short email introducing yourself and enquiring if they are offering any vacation scholarship projects this year
- Lots of staff have websites – look at their existing research, see if it interests you



Want a longer summer project?

- Each year we have funding for two EPSRC internships which are 10-week summer research projects
- Indicate if this is something you'd like to be considered for in your School of Maths funding application
- Check with your supervisor that they're happy to supervise you for 10 weeks instead of 6 before you indicate this on your application!



Time Frame

- 2nd Feb 2024: Expression of Interest form deadline
- By 9th Feb 2024 (end of Week 4): Selected students invited to submit a funding application and project proposal
- 15th March 2024: School of Maths funding application deadline
- Additional funding deadlines (see website)
- By 31st May 2024: Students informed of School of Maths funding outcomes (after College funding has been allocated)
- June-Aug 2024: Summer Projects take place



The Vacation Scholarship Experience

- PhD support sessions
- Academic Career/PhD talks
- Undergraduate Conference



More Info

- Vacation Scholarships website
 - Funding info
 - Application Process and Application
 - Expression of Interest Form
- Vacation Scholarships Coordinator

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Count Me In

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Count Me In: who is it for?

- ▶ Count Me In is a 6-week research internship in Edinburgh for undergraduate students of mathematics who are
 - ▶ women and non-binary people;
 - ▶ members of under-represented ethnic minorities in mathematics;
 - ▶ people from a challenging socioeconomic background; and/or
 - ▶ people with a disability.

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- ▶ This year it runs 17 June – 26 July; you need to be present in Edinburgh for the whole program, except by prior arrangement.

How does it work?

- ▶ Students work in groups of two or three. Each group has:
 - ▶ A **supervisor** who is a senior academic, usually not based in Edinburgh. They choose the research topic and meet the group online for one hour a week.
 - ▶ A **tutor** who is an Edinburgh-based PhD student. They meet the group for an additional three hours per week.

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- ▶ Community events:
 - ▶ in even weeks the groups make presentations on their progress to each other;
 - ▶ in odd weeks we have a maths colloquium talk by an external speaker, paired with an academic careers information event organized by the Piscopia Initiative. All are welcome to these!
 - ▶ Social events and coffee hours organized by the tutors and Piscopia.

How to apply?

The application form will go live from the Count Me In website very soon. You can submit a joint application to Count Me In and a similar program in Warwick.





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Summer Internships

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Employ.Ed

- Internships will be advertised and promoted to students by the Employ.Ed team : **February 19th - March 13th.**
- Designed for and open to all matriculated UoE 2nd to penultimate year undergraduate students
- 8, 10 or 12 week summer internships
- Paid at University of Edinburgh Grade 3
- Internships are based in person in Edinburgh (but of course you can still travel for holidays!)
- General information for students can be at Employ.Ed



Research Communication Intern

- Working with Maria Tovar.
- Help the School of Maths to communicate its excellent mathematical research with its broad applications in areas such as healthcare, AI and the climate crisis.
- Support the creation of web content, blogs, and social media to communicate the impact and applications our research has to a variety of audiences, including the general public.



Mathematics Outreach Intern

- Working with Will Reynolds.
- Assess existing resources, both physical and digital, used for outreach activities delivered by the School of Maths, and play an instrumental role in re-designing the systems of organisation of these resources.
- Support the design of a new classroom workshop series.



Digital Content Intern

- Working with Lynsey Aitken.
- Support the School's External Engagement Team with creating video content to promote the School's suite of postgraduate taught programmes and showcase our diverse and talented postgraduate student community.

