

Internship Title:	Masterclass STEM Engagement Intern Professional Internship for PhD Student (PIPS)
Date of internship:	Four posts spanning the 2024/25 academic year for three months each, starting September, December/January, March and June
Location:	Albemarle St, London (option of hybrid working)
Contract type:	3-month full-time internship (35 hour per week)
Accountable to:	Senior Masterclass Coordinator
Payment:	Stipend through University/Research Council's Doctoral Training Programme. Please check funding with your DTP before applying.

Background

For 225 years the Ri has been dedicated to creating opportunities for people to engage with science. Our public and education programmes reach people of all ages and backgrounds across the UK and worldwide, with an array of opportunities for individuals to engage with and explore a variety of science topics and deepen their understanding of the world around them.

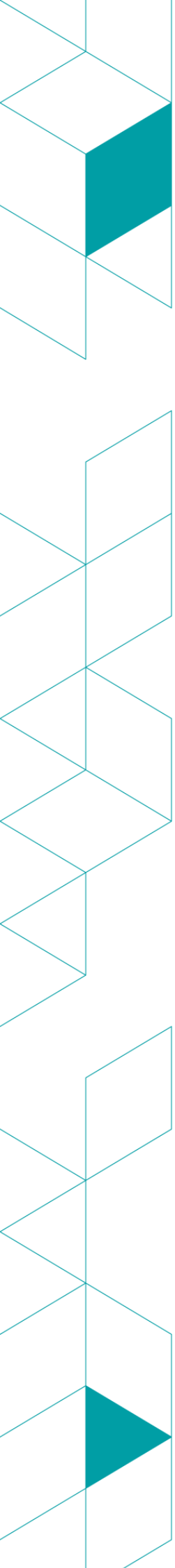
Started in 1981 following the first mathematics-focused CHRISTMAS LECTURES, [Ri Masterclasses](#) are series of free, hands-on, extra-curricular workshops for young people in mathematics, computer science or cross-curricular STEM (science, technology, engineering and mathematics) subjects. Masterclasses designed to highlight the beauty and breadth of these exciting subjects, allowing the students to experience them beyond the classroom and explore new topics and ideas with peers from other schools. In the 2022/23 academic year over 5000 school students attended over 1,300 hours of workshops, all organised in partnership with local collaborators and run at over 100 venues across the UK.

The role of the Masterclass STEM Engagement Intern

We are looking for a PhD Intern to support the renowned Ri Masterclass Programme. This is an exciting opportunity to use and develop a range of science communication skills; through developing workshops and accessible resources, training young people to create and deliver their own Masterclasses, and supporting the running and evaluation of the programme across the UK.

The Masterclass Intern will work with the Masterclass team on a range of projects to support the delivery of the programme, helping to support volunteers who make the Masterclass programme happen across the UK and extending the impact to more young people. Full training and support will be provided by the Ri Masterclass team's science communication and subject specialists, including with developing and delivering content. Depending on start date, key duties may include:

- Developing and delivering Masterclass content and resources, including [Off-the-shelf Masterclasses | Royal Institution \(rigb.org\)](#). This will involve content development and adapting existing resources to make them more accessible, as well as working to make the resources shareable online to a wide audience
- Create your own workshops based on your favourite STEM topics, to deliver as Masterclass workshops and/or as shareable resources
- Training groups of older school students to develop and deliver Masterclasses for primary pupils

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- Helping to plan, run and support Masterclass series and one-off events in the Ri building, at other venues and/or online
 - Supporting with the evaluation of Masterclass activities
 - Time dependant, you may be able to help support activities across Ri Schools, public programmes and wider teams; for example:
 - Producing content for our online and social media platforms
 - Supporting our School Grants Scheme, schools activities, annual Youth Summit and/or wrap-around CHRISTMAS LECTURES activities.

[Safeguarding](#) and any other relevant training will also be provided. There is some flexibility in the role depending on the successful candidate's interests and experience, and the time of year.

Who are we looking for?

This placement would be ideal for anyone with a mathematics, computer science or STEM education background who is interested in education outreach and science communication. We are looking for applicants who are enthusiastic, flexible, open-minded, and keen to learn new skills. There is no need to have any prior experience, but the following is desirable:

- Experience working or volunteering with young people
- Experience communicating STEM subjects to non-expert audiences
- Knowledge of the UK schools system and national curriculum
- Experience of event management.

These posts will be hybrid, with at least one day/week at the Ri in London. The roles will likely involve travel to Masterclasses and schools around the country and some Saturday working (dependant on time of year); time off in lieu will be given and expenses will be covered.

The Royal Institution (Ri) is committed to safeguarding children and adults at risk and promoting their wellbeing. This role will include working with children and will likely require the successful candidate to undergo an enhanced DBS check upon starting the role.