



## MacQuarrie Fellowship Role Specification

**Role Title:** MacQuarrie Science Fellow

**Reports to:** Heads of Biology, Chemistry & Physics

**Role purpose:** To raise the profile of Science at GWC and beyond, enhancing the experience of Science for pupils and acting as a positive role model for pupils.

**Duration:** One calendar year, initially. This may be extended to two years in negotiation with the heads of the sciences.

**Hours:** Minimum of 20 days over the course of a calendar year. The details of this support will be negotiated with the successful applicant and may take the form of a regular commitment, a single block of time or a mixture of both.

**Stipend:** £7,500 per annum for the MacQuarrie Fellowship, for which this role is a condition.

### Person specification

Applicants must be former pupils of George Watson's College who are enrolled on a postgraduate, or an undergraduate course leading to a postgraduate qualification, in a science discipline at a university in, or in the vicinity of, Edinburgh.

Knowledge and experience:

- Successfully supporting younger pupils in a mentoring capacity (desirable)
- Academic prowess in science (essential)

Essential skills and attributes:

- Excellent verbal and written communication skills
- Strong interpersonal skills and the ability to communicate with and inspire school pupils
- Excellent organisational skills
- Passion for science and its place in society
- Genuine desire to work with school pupils and suitability to do so (note that the successful applicant will be checked with Disclosure Scotland under the PVG Scheme)
- Evidence of the creativity, innovation and initiative that will be required to establish and develop the potential of the Fellowship.



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### Role description

Areas of work may include:

- Supporting the design and delivery of a STEM Showcase event to celebrate pupils' learning
- Linking with external organisations offering opportunities to enrich the science curriculum, e.g. competitions, or to illustrate progression, e.g. businesses
- Supporting outreach/education in the community
- Mentoring pupils in their study of science
- Arranging context-specific STEM trips for pupils to enhance their curriculum learning
- Running a live in-house research project to provide pupils with experience of conducting research in a real context, gaining applied experience of data collection, processing and handling.
- Support junior school teachers in delivering science projects.

### To apply

Applications should take the form of a completed application form and a letter to the Principal outlining how the applicant meets the person specification. These should be sent to Helen Boyd on [h.boyd@gwc.org.uk](mailto:h.boyd@gwc.org.uk)

A letter should accompany the application from the university academic supervisor confirming support for the necessary time commitment.

The deadline for the receipt of applications will be 5pm on 11 January 2019. Applications will be assessed by a panel convened by the Principal of George Watson's College with appropriate internal and external representation.

Interviews for short leet candidates will take place on Tuesday 22 January 2019 and the post will begin in February/March 2019.