



## **Boston Scientific, STEM 3<sup>rd</sup> Level ITE Bursary Program in conjunction with RAISE**



Boston Scientific, Galway are proud to invite you to apply to our third 3rd level ITE Bursary Program which aims to support the promotion of STEM in the community. This bursary is part of an overall strategy that aligns with Boston Scientific's STEM Strategy, where we are dedicated to inspiring a global and diverse future generation of innovators through high-quality STEM education by working with schools and organizations to increase student aspiration, ability, and access. The competition is run in collaboration with the Research, Application, and Inclusion in STEM Education (RAISE) research group ([www.raise-stem.ie](http://www.raise-stem.ie)).

**This Bursary is open to all fourth-year undergraduate students in joint STEM subject undergraduate teacher education degree programs across the Republic of Ireland.**

**Value:** €3,750 as a once off payment

### **Entry Criteria:**

- Incoming fourth year undergraduate students in initial teacher education programs with STEM specific subjects across the Republic of Ireland
- Short essay, 1000 - 1500 words, personal reflection based on "The challenges facing STEM education and my vision for the future".
- Email the completed essay and entry form to [galway-stem@bsci.com](mailto:galway-stem@bsci.com) by **midnight Sunday 29<sup>th</sup> 2024**.

### **Judging Criteria:**

#### **1. Care**

Expectation that the author includes elements of care within their teaching and learning such as:

- Caring for student development, in the broad sense of their wellbeing and academic achievement
- Fostering an interest and engagement of students in STEM beyond the classroom

## **2. Making an Impact**

The essay should articulate how the author wants to impact learners and STEM in Ireland by:

- Communicating their passion for STEM and/or their chosen STEM subject
- Fostering innovation in their classroom, their school, and beyond and,
- Striving to learn more about STEM Education

## **3. Fostering Curiosity & Encouraging Collaboration**

The essay should consider how curiosity can be cultivated within STEM classrooms and how collaboration can be key to learning through the articulation and sharing of ideas within a lesson. The author may also wish to reference the importance of collaboration within their practice as a STEM teacher.

## **4. Promoting STEM**

The essay should demonstrate the author as a good communicator who can be a positive ambassador for STEM. The essay should make clear the author's considerations of the impact teaching can have on learners, colleagues, and the wider STEM community.

## **5. Quality of Writing**

All essays should be written to an excellent academic standard, with APA 7<sup>th</sup> referencing throughout. References are not included in the word count.

6. Each essay to include cover page below & submit to [galway-stem@bsci.com](mailto:galway-stem@bsci.com)

## **Cover Page**

**Student Name:**

**Student ID:**

**Student Email:**

**Course Title:**

**Word Count:**

**Please send this essay, including the cover page to [galway-stem@bsci.com](mailto:galway-stem@bsci.com)**

**by midnight on Sunday 29<sup>th</sup> Sept 2024**