



Education Charity

INSPIRING THE NEXT GENERATION



Year 12

# SATRO STEAM RESEARCH PLACEMENTS

SATRO Research Placements – a programme running since 1999 SATRO matches Year 12 A-Level (or Level 3 Equivalent) students with companies and research organisations in the summer to undertake a short research project. This should be of benefit to both the organisation and the student as part of a real-world aspect of the work you do. Examples from last year include:

- What is the impact of the Pandemic and Ukraine war on the supply chain and their sustainability?
- What kind of nature based solutions (NBS) can you provide in your back garden or other small spaces.
- Write a scientific paper that explains the SiC (Silicon Carbide) challenge, working with Surrey Ion Beam Centre.

## Sign up for 2023:

We are expecting over 100 applicants this year and have successfully reduced barriers. for disadvantaged students. We are looking for new companies to join us in inspiring the next STEM generation in Surrey, to discuss further please: **Email: [satro-rwp@satro.org.uk](mailto:satro-rwp@satro.org.uk)**

**Vice President of Synamedia & contributor to RWP**

*“They did a very good job synthesising the things we talked about – from advertising to their interests and unique perspective. I like that they took topics from our discussion as a starting point and augmented with “down the rabbit hole” research and their own impression of their age groups’ consumption patterns and habits.*

### Your Role

to provide a research project title, guide student(s) in their research and give feedback on their final work. We would like you to offer an opportunity to visit your place of work during the project.

### Students

will work with you virtually to prepare a research project based on a topic of interest. We ask you to meet them virtually at the launch, at least twice during the programme and also at the final presentation.

### Projects

will be in the form of a report, video, poster, presentation or combination and the students will present back to you, and your staff, at the end of the programme. A project can involve a team of students or individual research.

### Benefits to you

volunteering with the next generation of STEM employees, engaging with students from your local community, sharing expertise and building work mentoring skills. Promoting via Blogs.

### SATRO

will provide access to a google classroom to facilitate engagement and provide relevant project guidance videos, and an offer of a mock interview. We will set up the launch meeting, introduce the students and attend the final presentations.

### Planning

we ask each student to commit a period of time over at least 2 weeks, during the period 1st July – 18th August. Final dates to be agreed between parties and to suit your organisation.

### Outcomes

research projects offer meaningful input to a topic. Students submit for Gold CREST Awards, use it as evidence in UCAS entries, engage in further outreach. SATRO showcases at our RWP celebration in the Autumn.

### 2022 Providers

Air Products, Allianz, ANS. BAM Construction, COINS, Legal & General, Surrey University, Surrey Wildlife Trust, Synamedia, Thakeham, Truenvio, University Cambridge Student.



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