

UK-JAPAN YOUNG SCIENTIST WORKSHOP PROGRAMME FOSTERING CREATIVE SCIENTISTS & GLOBAL CITIZENS

PATRONS- THE EARL OF St ANDREWS

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Our Purpose By living and working together with cutting edge scientists and engineers, our UK-Japan Young Scientist Workshops enable British and Japanese senior high school students to discover for themselves a new vision of the challenges and opportunities real-life science and engineering are opening to them, and of their own futures as global citizens. Independent thinking, international teamwork and communication skills are central. Accompanying British and Japanese teachers share good classroom practice and take back the Workshop experience to their own schools.

Where? In the period 2001 to 2019, we will have run 25 UK-Japan Young Scientist Workshops with our Japanese colleagues involving more than 1300 students, hosted in universities in England, and since 2004 in Japan. In 2016, Workshops were hosted in Cambridge, Nagoya and Tohoku Universities, in 2017 and 2019 in Cambridge and Kyoto Universities, and in 2018 in Cambridge and Tohoku Universities.

Who? In the UK we are particularly keen to invite and support as far as our funds allow schools serving disadvantaged communities to participate. In Japan as well as working with schools in Kyoto since 2004, from 2011 we have invited schools serving communities afflicted by the Great East Japan Earthquake and Tsunami to be our guests in Cambridge. In 2016 we ran our first All-Girls Workshop with Nagoya University

What Happens? 1 Senior high school students from both countries live together for a week in the host university where they work in small teams with cutting edge scientists and engineers. They learn about the work going on in the research group and are given a related challenge which requires them to think for themselves and work as a team. At the end of the week, each team gives a presentation of its achievements and answers questions in front of an audience including distinguished guests.

2 Most Workshops comprise around 50+ students, half from each country. Each school is represented typically by 3 or 4 students and a teacher (who is invited to observe but not take part in the projects). In 2016, the three UK-Japan Young Scientist Workshops in Cambridge, Tohoku and Nagoya Universities engaged a total of 136 school students, 52 male, 84 female, in 21 science and engineering projects led by British and Japanese scientists and engineers.

3 By living closely together, sharing accommodation and through the student-led social programme, the students share and value each other's culture, language, ways of thinking and form lasting friendships. The excitement of international social dimension, here as through the project teamwork, makes the Workshop experience a very potent source of personal and academic growth.

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In 2017 Dr Albone was honoured to receive the Order of the Rising Sun, Gold and Silver Rays (Japan) in recognition of this work.
http://www.uk.emb-japan.go.jp/itpr_en/170606decoration.html



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