



UKSEDS Executive Summary

UK STUDENTS FOR THE EXPLORATION AND DEVELOPMENT OF SPACE

2014 - 2015

Foreword

Committee 2014 - 2015

Executive

Chair	Jeremy Nickless
Vice Chair	Ryan Laird
Secretary	Joseph Dudley
Treasurer	Robert Garner

Officers

Careers	Portia Bowman
Events	Alex Gee
International	Ciara McGrath
Membership	Sam Kennedy
Outreach	Samiksha Mestry
Projects	Teejay Taiwo
Public Relations	Vanessa Pepe

This has been another successful year for UKSEDS. Thanks to the hard work of the UKSEDS committee, the organisation is the largest it has been since its inception in 1988.

We hosted a record number of events up and down the country, and completely sold-out for our National Student Space Conference. Thanks to a Space for All grant from the UK Space Agency, we also participated in more than 15 different outreach events.

Financially, this has been our most successful yet with revenues at a record high, and a fantastic net profit which we can directly redistribute to students that need it, without the large overheads usually associated with running a non-profit.

Behind the scenes we've made numerous organisational and administrative changes to improve our effectiveness. We became a registered charity, gaining us a variety of benefits, and we also developed a new online ticketing platform to simplify event administration and give us easier access to important analytics.

I have served with UKSEDS for more than three years, joining first as Treasurer in 2012, and then spending two years as Chair. As I step down, I know I am leaving the organisation in very capable hands.

We have created what I now consider to be an essential element of the UK space sector, allowing students to see the vast number of opportunities available to make a positive impact on the world through space technology. UKSEDS forms a central student resource to industry, providing the country's largest and most widely represented industry-specific careers fair, as well as a conference which attracts the interest of industry and students alike. I am proud to be part of it, and will sorely miss working with the dedicated volunteers who make UKSEDS happen.

Jeremy Nickless
UKSEDS Chair



ACTIVITIES AT A GLANCE

Careers

With the continued growth and popularity of the UK space sector, we've seen an unprecedented level of interest in our careers resources, and received more enquiries than ever before from students of all ages. Our careers webpage consistently ranks first in searches for 'space internships', above both industry and government sites, and tickets for our careers event at the 2014 Reinventing Space Conference were booked out in a matter of days.

We plan to expand our offering over the next year to provide more tailored advice, interviews with recent graduates, and a guide to the variety of space sector jobs, and we are keen to work with industry in doing this.

1st

RANK OF UKSEDS CAREERS
PAGES ON GOOGLE SEARCHES
FOR 'SPACE INTERNSHIPS'

Sponsorship

Following the creation of a number of new sponsorship packages, this year's sponsorship income has been the highest on record, bringing in vital revenue that allows us to run events, fund projects, and conduct outreach. We are delighted to have Printech Circuit Laboratories and Reaction Engines Ltd as our first corporate partners, and look forward to collaborating with them throughout the year.

We are keen to built on this success by further improving our packages to tailor them to the needs of industry, and offer an even better opportunity to engage with enthusiastic young scientists and engineers.

£8450

OF SPONSORSHIP INCOME





Membership

We've seen another year of growth for our membership, with several new branches coming on board including the University of Oxford's Space and Astronomy Society, as well as interest in affiliation from a number of schools.

This year has also seen the launch of our national awards scheme recognising outstanding students, projects, and societies, as well as a grant scheme to provide societies with the funds to run advanced technical projects.

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UNIVERSITY BRANCHES

PR

Our social media presence has seen strong growth to over 1300 likes on Facebook and more than 3000 followers on Twitter. We have also grown our activity on LinkedIn, and expanded to Flickr and SlideShare to share photos and presentations from past events.

1745
NEWSLETTER SUBSCRIBERS

Outreach

UKSEDS engaged over 10,000 young people from a huge range of backgrounds this year, with our Student Outreach Team visiting more than 15 different events and schools, including the Big Bang Fairs and the Farnborough Air Show. We emphasised the importance of STEM subjects with hands on activities such as remote control rover and meteorite detection kits.

New exhibition equipment has been purchased with the help of a UK Space Agency Space For All grant, and we are pleased to say we were successful in our application for a further £2500 of funding for the coming year. We are particularly excited to be involved in the outreach activities that are part of Tim Peake's mission later this year.

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OUTREACH EVENTS

ACTIVITIES AT A GLANCE

International

As the UK chapter of the global SEDS movement in an increasingly international sector, we are proud of our partnerships with other student organisations. We are pleased to announce the signing of a formal relationship with the Space Generation Advisory Council at the 2014 International Astronautical Congress, in Toronto, and of another with SEDS-USA, our sister organisation in the United States. We continue to enjoy a strong relationship with EUROAVIA in Europe, and were pleased to have their representatives at our conference.

We have been represented all over the world this year. Our International Officer, Ciara McGrath, won the IAC Undergraduate Student Prize Paper Competition, our Southampton branch received worldwide publicity for its project to send lettuce to Mars, and our former Outreach Officer, Maggie Lieu, was interviewed all over the world as a member of the final MarsOne participants.

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INTERNATIONAL
PARTNERS

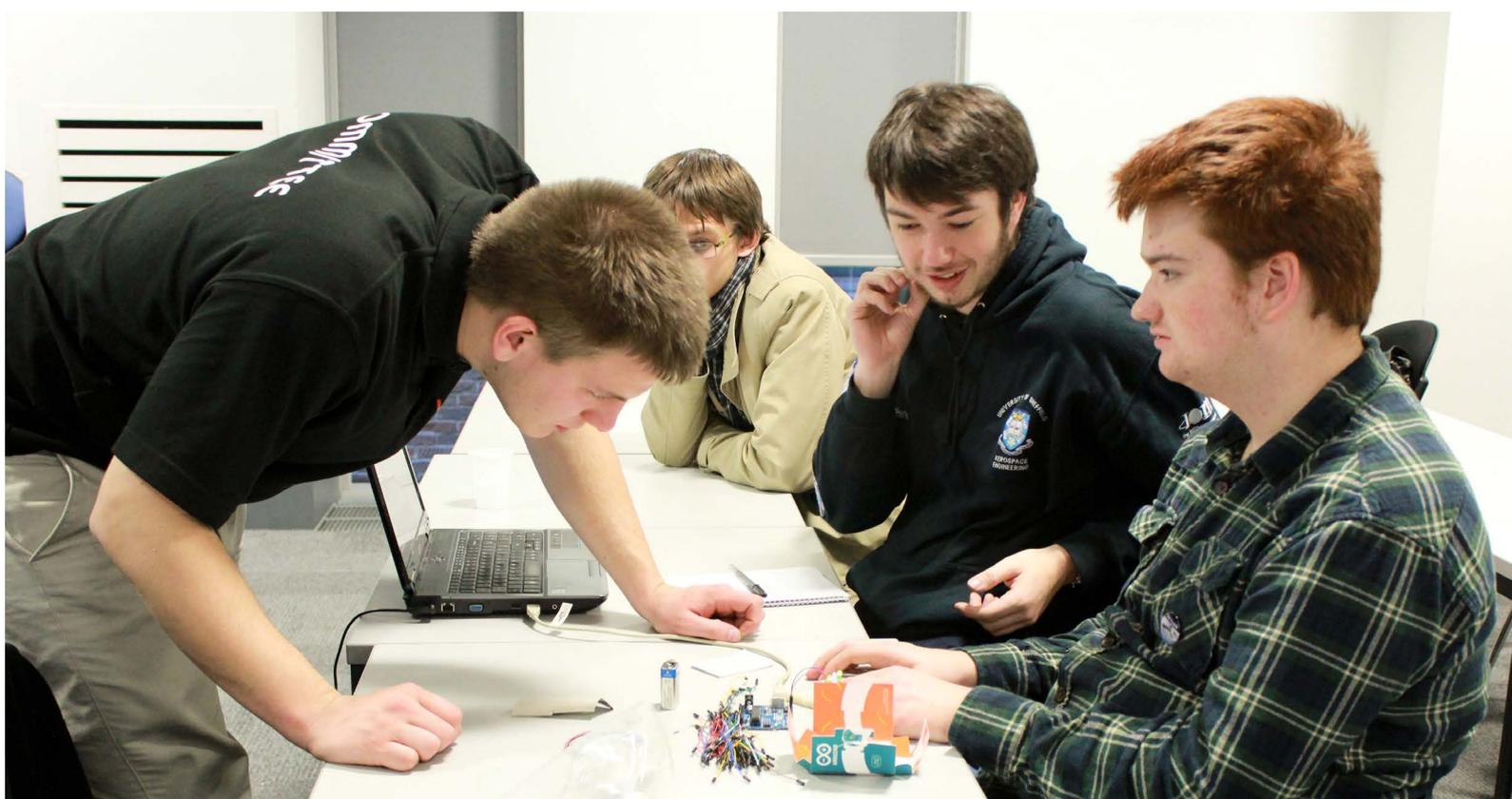
Projects

In line with our mission to develop students' skills, we ran hands-on rocketry and astronomy workshops this year which gave them the opportunity to learn under the guidance of experts, and then to pass on their knowledge to their societies.

Our Strathclyde branch were the winners of our 2014 National Rocketry Championships, an exciting competition for student groups from around the UK to develop and show off their rocketry skills. Teams were challenged with designing, building, and launching a rocket to meet specific objectives, and had to submit detailed technical reports of their designs. NRC 2015 is already underway and competition is fierce.

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NRC 2015
TEAMS





Science Communication Workshop

October 2014

We partnered with Things We Don't Know to provide a masterclass on how to write science articles for a non-specialist audience to produce an interesting and absorbing piece of science journalism. The event included a hands-on session turning journal abstracts into short pieces of popular science writing, and was kindly hosted by the British Interplanetary Society in London.

137
EVENT ATTENDEES

Rocketry Workshop

December 2014

Our rocketry workshop at the University of Salford gave our members the opportunity to learn to design and build rockets from scratch, by the end they were all set to enter our National Rocketry Championships, and to lead their own rocketry sessions at their branches.

Reinventing Space Careers Event

November 2014

As part of the 2014 Reinventing Space Conference, we co-hosted a careers event along with the Space Generation Advisory Council and the International Space University. Aimed at students, graduates, and young professionals who want to succeed within the sector, the event included talks from Airbus Defence & Space, UK Space Agency, Imperial College, Space Applications Catapult, SSTL, and HE Space representatives.



Astronomy Workshop

January 2015

Nick Howes, an astronomer at the Kielder Observatory, led our first astronomy workshop at Jesus College, Oxford, which taught students how to use real astronomical data to identify and measure scientific parameters from comets. The event was a great success, and we plan to host more astronomy workshops in the future.

NATIONAL STUDENT SPACE CONFERENCE

We are proud to say that our National Student Space Conference is the premier student space event in the UK, bringing together students, academics, and professionals from across the world to share knowledge of space, discuss the challenges facing the sector, and create new links between groups. It features talks by leading space science and industry figures, a careers fair, and opportunities to take part in discussions and networking events.

This year's event was hosted by the Surrey Electronics & Amateur Radio Society (EARS) at the University of Surrey, and sold out with a record number of attendees.

Our keynote speakers were Dr Matt Taylor, a project scientist on the ESA Rosetta mission that captivated the world in late 2014, and Abbie Hutty, a structures engineer working on the ExoMars rover at Airbus Defence & Space. Abbie was accompanied by Bridget, one of the prototype Mars rovers.

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ATTENDEES

46%

INCREASE IN ATTENDANCE ON
LAST YEAR

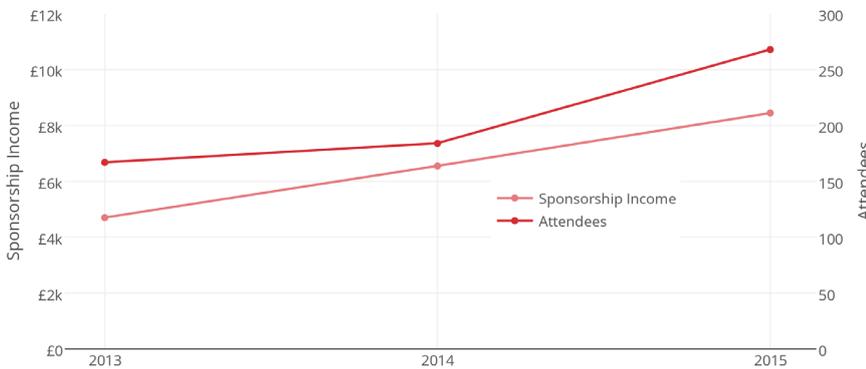
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UNIVERSITIES
REPRESENTED BY
STUDENTS

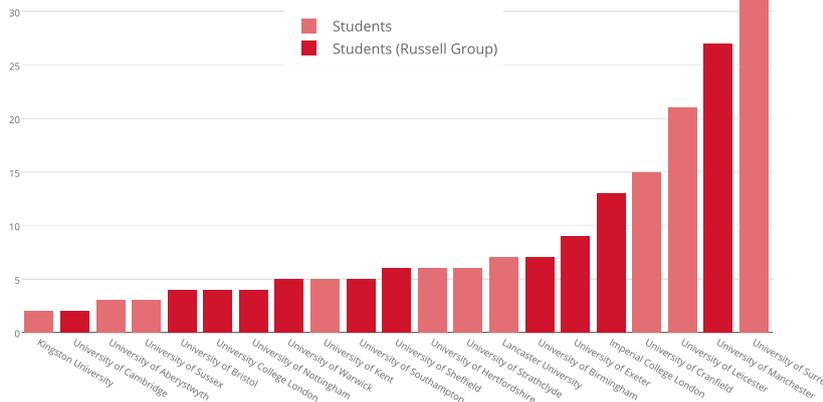
46%

OF STUDENT ATTENDEES FROM RUSSELL
GROUP UNIVERSITIES

Conference Attendance & Sponsorship Income



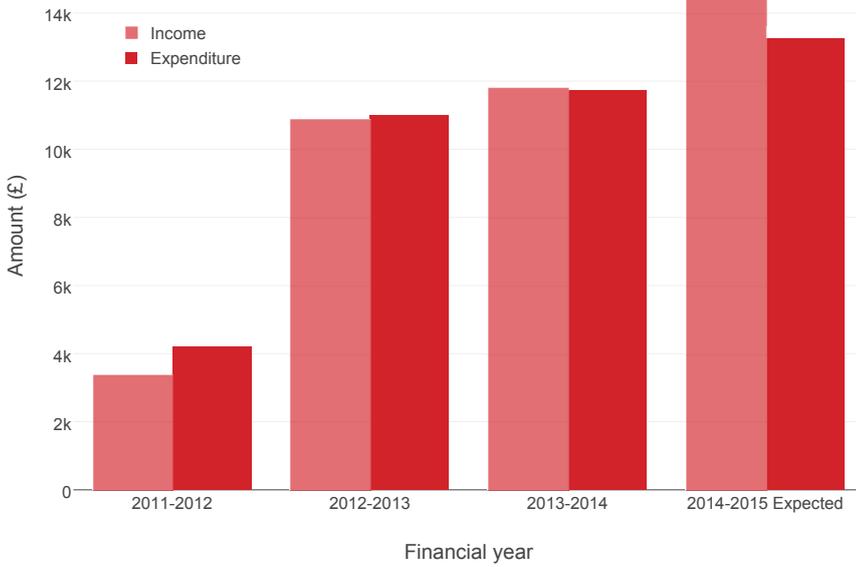
Conference 2015 Attendance



FINANCES

Financially, we continue to be in an excellent position. Investment in publicity materials and equipment in the last few years is now paying off, with a good surplus expected at the end of this financial year. All of our money is reinvested into our membership, so this surplus will allow us to increase our support of their projects.

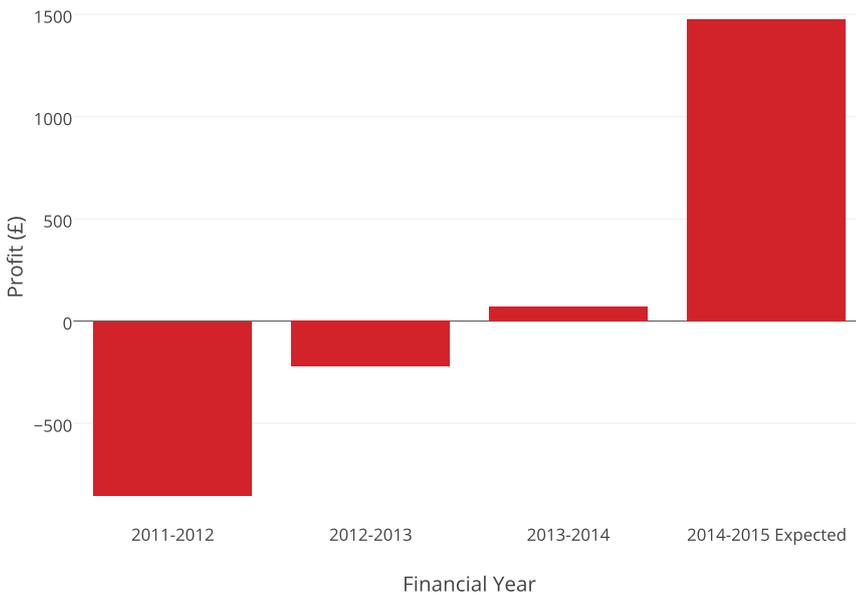
Income and Expenditure by Year



The forecast figures for this year are primarily based on the remaining income and expenses from the conference.

Revenue for this year is expected to be up 25% on last year versus an 8% rise last year.

Profit by Year



25%
REVENUE INCREASE FROM 2013-2014
TO 2014-2015

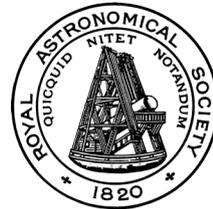
CORPORATE PARTNERS



REACTION ENGINES



SILVER CONFERENCE SPONSORS



CONFERENCE SPONSORS



Launch your career in aerospace engineering



SUPPORTERS

