

## Year 10 - Catastrophe on Campus Week

This event was the first Year 10 week of its kind where sixty two students from four Surrey Consortium schools were involved in a response and recovery exercise following a simulated “disaster incident” at a school.

Throughout the week students had to complete a disaster management project using the skills and knowledge they gained from attending various subject sessions. The project was to successfully plan and present a disaster management strategy for a scenario that had occurred at one of their schools e.g. a gas explosion at Bishop David Brown School.

Students began the week with an introduction to disaster management and a Silver Commander table top simulation exercise involving a plane crash on campus. Throughout the week they were given the opportunity to gain experience in a range of disciplines from Law, Health Care, Journalism and Media to Environmental and Civil Engineering.

A key focus of the week was on developing students’ critical thinking, team work and decision making skills, together with communication, leadership and presentation skills.

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# Year 12 Young Persons University 2015

This year we welcomed over 200 Year 12 students from far and wide on to our residential summer schools. Each of our three faculties ran at least two strands each, giving students a huge variety of subjects to choose from.

One clear objective of the YPU summer schools was to give the Year 12 students attending an authentic feel of what studying at university is really like. They engaged in lectures, practical labs, research projects, seminars and small group exercises with academics as well as guest speakers.

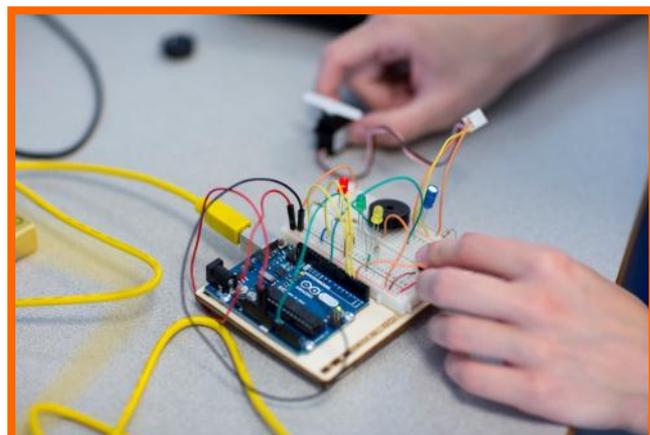
For the vast majority of the students it was the first time that they had stayed in university accommodation. Although we did not ask them to cook or clean for themselves we are confident they have taken away with them a greater appreciation of what “uni halls” living is really like.

**Across the following pages you will find more information and photos from each of the YPU Summer School strands.**

## Young Persons University: Physical Sciences

In its inaugural year the Physical Sciences YPU was attended by sixteen students. Taking part in lectures, workshops and seminars in Maths, Physics and Computing across the week, the students found themselves facing some challenging theories and solving some undergraduate level problems. The students also had the chance to visit Surrey Satellite Technology to see how the careers they are considering could be put into practice, and had the chance to meet a range of graduates at our ‘Meet the Professionals’ evening. The students really appreciated having the chance to ask questions to the student ambassadors, academics and graduates, and took advantage of this aspect of the course at every opportunity.

The students also completed a research project across the programme, resulting in a research poster which was displayed at the celebration event.



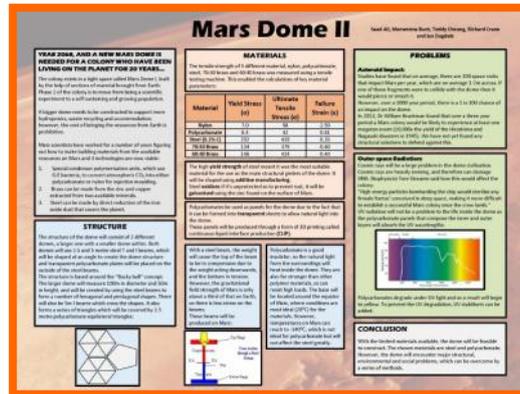
Students took part in challenges throughout the week and taster sessions in various disciplines

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# Young Persons University: Engineering

The Engineering strand of this year's YPU built on the success of the 2014 programme. Students were given the chance to try their hand at four different types of engineering – Civil, Chemical, Mechanical and Electronic. Attending lectures and seminars with some of the University's top academics, the students were given a real insight into life as an engineering student. Across the four days the students also completed a research project into one of the disciplines, culminating in research posters which were displayed at the celebration event.



A research poster produced by one of the Engineering research groups.



Students hard at work in labs and meeting industry professionals at a first evening special event

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# Young Persons University: Law

Students on our Law summer school were introduced to university style mini lectures each morning. Lectures included sentencing, juris, deformation and tort. Students then participated in skills sessions such as client interviewing and negotiating. After attending a moot workshop, students had time to prepare bundles and complete research for their final moots to take place on the final day of the summer school.

The final moots proved a huge success and brought together all the achievements of the week!



Moses, presenting to the judge in the university law library and other students preparing their notes



Student discussions



Students during the moot workshop

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# Young Persons University: Business

After engaging in team building activities, students had the opportunity to experience subject sessions. Students worked in small groups to prepare for their project - selling a bird box. All the groups came up with original ideas and used their presentation and persuasion skills. The audience consisted of other students, academics and successful business owners who were extremely impressed with all the students unique ideas and powerful messages and techniques to sell their bird boxes.



Students working in their groups preparing for their presentation



Students rehearsing their bird box presentations



Final presentation to sell their bird box

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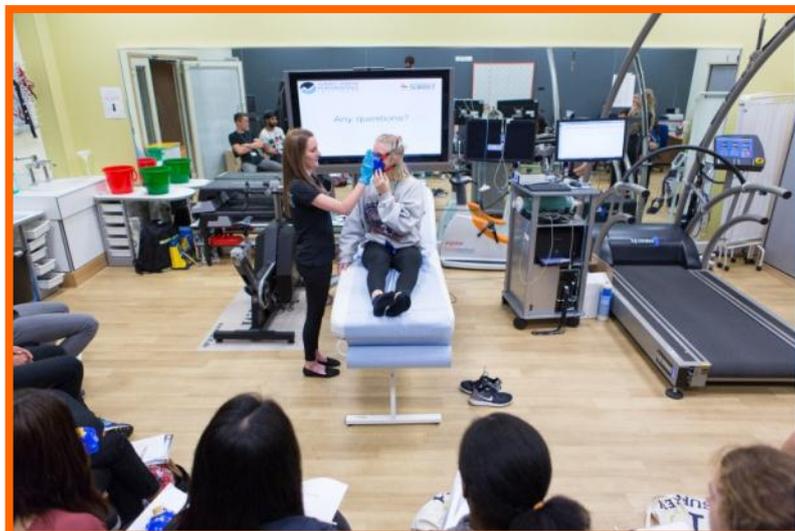
# Young Persons University: One Health

The One Health Young Persons University offered 50 Year 12 students an opportunity to study Veterinary Sciences, Nutrition, Food & Exercise Sciences or Biomedical Sciences.

The Veterinary students had an inspiring and thought provoking week attending sessions on Disease Outbreak Management, Clinical Skills and an Anatomy laboratory session. They also had a very exciting visit to Fitzpatrick Referrals, a tour of the new School of Veterinary Medicine by BAM Construction and an animal handling session too!



Veterinary, Biomedical and Sport & Exercise Sciences students taking part in lab work and experiments



Students attending the Biomedical Sciences strand of the YPU had a laboratory practical packed week surrounded by stimulating subject sessions in precision medicine, viruses and cancer. The students also took a trip to the National Physical Laboratory where they were intrigued by microbubbles.

The Nutrition, Food and Exercise science students thoroughly enjoyed their week of practical theory sessions at the Human Performance Institute and lectures which included talks on antibiotics in food, nutrition and brain development, and the importance of vitamin D.

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# Young Persons University: Health Sciences

The University's third Health Sciences YPU saw the addition of Operating Department Practice and Paramedic Practice to Nursing and Midwifery subjects. 65 students took part in practical and theory workshops such as Clinical Skills and Compassion in Care, as well as researching and presenting their findings and opinions on current topics affecting Health and Social Care. Throughout the week they were able to try out the different subjects as they were taught with a multi-disciplinary approach.

Students were supported throughout the week by subject specific student ambassadors, who were able to help the students with any questions they had about student life and studying at a university.



Students in the simulation suites and (right) CPR with a Paramedic Practice student

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# Young Persons University: Languages

We ran two Languages Summer Schools for the first time this year; French and Spanish. Students had the fantastic opportunity to participate in an authentic week in the life of a undergraduate languages student. They participated in seminars, translation classes, cinema discussions and a challenging research project.

A surprising and incredibly rewarding element of the week were the three language taster sessions looking at Mandarin, Russian and Greek that the YPU students took part in. The talented students many of whom already spoke three or more languages jumped at the chances provided and it was a huge success.

We are particularly proud of the way that this group of students bonded during the week and took full advantage of every opportunity presented to them.



Research and preparation for a tricky city guide project

Students had just two hours to complete a challenging task in their groups



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# Young Persons University: Feedback & thanks

*'It has been such an amazing week and now I feel so much more confident in making decisions and the careers available and what university actually entails. I would just like to say thank you for an amazing opportunity.'*

*'It was a really good experience and I have a better understanding about biomedical science and really enjoyed the talks from the lecturers especially by Professor Blackburn.'*

*'(the week) Motivated me to achieve the grades I need to achieve. Thoroughly enjoyed the sport and exercise!'*

*'This week has been an amazing experience, not only has it been a taster of Midwifery that I wish to study but also other health care professions and skills I need for the profession. But, most of all it has made me so excited to start university.'*

*'Although I was apprehensive at first, I have really enjoyed myself and managed to do things I wouldn't usually be comfortable doing. I think this has been an extremely useful opportunity for me and very memorable too, thank you.'*

*'Overall, YPU has been a spectacular experience. Having the opportunity to talk to and meet students as well as new friends along with a taster of an authentic language course was all well balanced.. I didn't feel out of place and communications with the student mentors and staff was very easy'*

## A big thank you to the following people for making the YPU weeks possible;

Dawn Marley	Vassilis Korkas	Shihong Turner	Oksana Titova	Marie-Jo Morelle
Dolores Thomas	Elaine Carter	Andy Adcroft	Roya Hamid	Mark Pinnock
Warrick Harniess	Emily Bollon	Prof. La Ragione	Dr Dan Horton	June Wilkinson
Tropical Ltd.	Dr Alan Packwood	Dr Mark Whiting	Dr Adele Williams	Dr Martha Betson
Prof. Mark Chambers	Dr Ilknur Aktan	Abbe Martyn	Dr Mark Jones	Dr Constanza Gomez
Bridget Roberts	Dr Alison Cottell	Clifford Pemberton	Dr Emma Laing	Lisa Adjei
Prof. David Blackburn	William Lanham-New	Josey Kilner	Fitzpatrick Referrals	Dr Adam Collins
Dr Jonathan Brown	Joe Wainwright	Team SHPI	Dr Jorge Gutierrez	Dr Kath Hart
Prof. Margaret Rayman	Dr Julie Hunt	Dr Barbara Engel	Prof. Sue Lanham-New	Pippa Gibson
Taryn Smith	David Brighton	Jane Leng	Alison Callwood	Andi Sambrook
Clair Horsfield	Jaime Sutherland	Verity Snook	Marianna Schoultz	Zoe Polly
Jackie McBride	Dan Blood	Rebecca Greenacre	Mary Raleigh	Emma Vyvyan
Ali Smith	Melaine Coward	Rebecca Barnley	Michaela Spiteri	David Fisher
Justin Read	Jonathan Clark	Yusuf Musa Abubakar	Louise Dummott	Jim Allen
Pam Billy Fom	Gerald Watt	Will Scott-Jackson	Dr Judy Lee	Colin Howard
Bryn Ubald	Matthew Pole	Ali Behnejad	Friday Ekuje	Rene Tshulu
Paul Yates	Anthony Mapp	Dr Mike Mulheron	Dan Ratliff	

## Student Ambassadors

Daniel Jackson | Heidi Webb | Bethany Shelton | Kirsten Parry | Mary Agyapong | Abigail Nelson | Laura Meeten | Emily Leeder | Anne Attipoe | Christian O'Brien | Emma Legg | Holly Singleton | Mollie Johnson | Jack Biddle | Patricia Swiderska | Ben Corbett | Grace Housden | Nicholas Winstone | Chara Katiri | Seema Mehmi | Carl Haines | Lucy Thompson | Iulia Tache | Harry Deards | Georgina Rumsey | Sophie Till | Eve White | Pooja Rabheru | Charley Douglas | Rebecca Curtis | Charlotte Raine | Sophie Davies | Paige Morrison | Nic Scorovich | Will Downey | Lyall Farquhar | Jenny Eng

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# Oasis Academy Transition Summer School

The students from two Oasis Academies visited the University as part of their Transition Summer Schools. The students had workshops on what a university is and how to get there, Engineering and Creative Writing as well as going on a campus tour. The Engineering activity was led by Surrey Students from the Civil Engineering department, and gave the new year 7's the chance to design and build their own catapult to a design brief. Whilst in Creative Writing they were asked to invent a new character and a new room for the Charlie and the Chocolate Factory story.

The students all had a great time with many saying they now want to attend university in the future.



One of the catapults made by the Oasis Academy students

## IntoUniversity

In May 2015 students from the North Kensington and Hammersmith IntoUniversity centres visited the University of Surrey for their, now annual, two day visit. Students took part in team building activities before making their own tribes and languages in a drama workshop. The second day started with a Science of the Senses workshop, with the students exploring how their different senses work with a series of experiments and challenges. Following this the group headed over to Surrey Sports Park to try their hand at Rock Climbing and Lacrosse, with some of the students heard to say that 'Lacrosse is better than Football!' The visit finished with a trip to Guildford Spectrum's ten pin bowling alley, where staff tried their hardest not to be beaten by 11 year olds. Both staff and students had a great time on the visit.



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## E-Mentoring programme

The Widening Participation and Outreach Department are piloting a new and exciting E-Mentoring Programme offering all 240 year 12 students who attended our Young Person's University Summer Schools the opportunity to have an E-Mentor. The mentor will support them over the summer holidays and during the first half of the Autumn term.

The E-Mentors are our fantastic team of student ambassadors who have been paired with student mentees who would like to go on to study similar subjects to them. The Mentors will be helping the students begin their UCAS journey and helping them to identify and develop skills which they will need when studying in Higher Education.

**The E-Mentoring Programme will expand next year to welcome the new In2Surrey Students and will continue to work with them into their first semester at university.**



## In2Surrey Scheme Update

This year we have seen a record number of applications for the In2Surrey Scheme and we are delighted to announce that more students than ever before will be joining the University of Surrey in October as a direct result of the In2Surrey Scheme.

An overview of the In2Surrey Scheme:

- Eligible students may receive a modified offer from us for undergraduate study
- Students will be given a point of contact within the University for help and guidance
- Students may be eligible for a one off bursary upon successful completion of the programme



**Applications for 2016 entry are now open**

**Applications close on Friday 22nd January 2016**

For more information including to access a digital application from , please visit [surrey.ac.uk/in2surrey](http://surrey.ac.uk/in2surrey)

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# Dragonfly Day

The University hosted another successful Dragonfly Day this year. As part of the Engineering Development Trust's Headstart Programme, Dragonfly Days are a national initiative to encourage girls to think about studying Engineering. This year 19 girls from two local schools attended a workshop all about the Engineering required to support refugees in refugee camps. Supported by Civil Engineering Student Anne Attipoe, all of the groups were successful in designing a new style of shelter and camp, which would improve the lives of refugees. The day culminated in each group presenting their prototype of a new design of shelter to the group.



Prototype of a Refugee Camp Shelter designed at Dragonfly Day 2015

# Go4SET

The University was proud to host the launch and celebration events for a recent Go4SET Programme run by the EDT (Engineering Development Trust) and funded by Mastercard. The scheme challenged teams of students from five Consortium Schools to design a new way of storing and transferring money.

Ranging from a USB stick to make online purchases to a watch that parents can pre-load with money for their children, all of the teams approached the brief in a unique way resulting in some extremely innovative product designs.



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## Spotlight on our Student Ambassadors

**Anne Attipoe**  
**Civil Engineering (MEng)**



When I had spoken to previous ambassadors and seen them in action around the University campus with visiting schools I knew that I would love this role. So, upon returning from my professional training year in 2013 I applied and was successful.

In this role I have had the chance to work with 11-18 year olds as well as mature students. I have also been able to exhibit my passion for STEM subjects by introducing and encouraging students to explore this area. Having the opportunity to provide input as well as plan and run my own engineering sessions at events such as the Year 6 Transition Summer Schools has been great!

Being an ambassador has positively shaped the last two years of my university experience and I am so glad that I have been able to have such an enjoyable and rewarding job. Not only have I improved my own skills but I hope I have helped to positively impact and inspire the students I have worked with.

## Year 10 - Catastrophe on Campus Week (continued)

Students expressed that they had enjoyed the week and it had given them an opportunity to develop skills that would help them in the future. They enjoyed mixing with other students which helped build their confidence, saying:

*'It was very useful and gave me a better understanding of university and what skills I need for the future.'*

*'I have really enjoyed working with others because it has made me more confident.'*

*'I thought the week was really good, communication skills and teamwork was brilliant.'*

The week was a resounding success, with 96% of students agreeing or strongly agreeing that following the event they had a better understanding of the academic opportunities at university, 95% agreeing that they felt more confident working in a team with others, and 86% saying they felt more confident to make decisions about their future education.

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# Forthcoming Events

## Year 7 IAG Days

Tuesday 20th October 2015

Tuesday 24th November 2015

Tuesday 23rd February 2015

## Year 8 IAG Days

Thursday 5th November 2015

Monday 26th November 2015

Thursday 25th November 2015

## Year 6 Primary Fair

Thursday 24th October 2015

## Year 11 Revision Workshops

Tuesday 3rd November 2015

Tuesday 10th November 2015

## TV Studios Twilight (Teacher Professional Development)

Wednesday 11th November 2015

## TV Studio Visit (Year 10) **FULLY BOOKED**

Wednesday 18th November 2015

## Surrey Skills Fair

3rd & 4th December 2015

## Year 7 Christmas Extravaganza

14th & 16th December 2015

## Find out more and to book

To see a full programme of events for 2015-16 and to book places, please visit:

[surrey.ac.uk/schoolsandcolleges/consortium/index.htm](http://surrey.ac.uk/schoolsandcolleges/consortium/index.htm)



## Want to get involved?

If you would like to be involved in the delivery and support of any of the events listed, please contact a member of the team to find out how you could contribute.

## Contact Us

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