

UNIVERSITY OF
BIRMINGHAM

Welcome to the
EPS SOCIETIES'
AWARDS 2015

Welcome to the EPS Societies' Awards 2015

I am delighted to welcome you to the second annual EPS Societies' Awards where our extraordinary student groups, and their members, are recognised and celebrated.

The College of Engineering and Physical Sciences has a strong tradition of outstanding educational success amongst its students. I am proud of the achievements of our 17 student societies and the continued triumphs of their members over the last academic year.

During the year I have had the opportunity to meet many committee members of the College societies and discuss their impact and role within our community. It is clear that all of our societies are a great asset to the College. These awards are a reminder of the hard work and dedication undertaken by society committees and members alike to make the University a better, more vibrant place to study and play. As we look back on the 2014/15 academic year it is more evident than ever that our societies hold a vital role within our student body.

From public astronomy events with AstroSoc to designing Formula Student cars with UBRacing, our societies do astonishing work not just in academia but also to promote career opportunities, industrial visits, guest speakers and, of course, social events. In the last year we have welcomed three new societies to our community: Birmingham Autonomous Robotics Club (BARC), Grand Unified Theorist Society (GUTS) and Women in Science and Engineering (WISE). For this year only we also incorporated the Frank Morton 2015 organising committee.

I am delighted to report there have been over 290 nominations received for the EPS Societies' Awards from both students and staff; more than doubling last year's figure. I would like to take this opportunity to send my warmest congratulations to all those nominated, and especially those shortlisted for these awards. Within this programme you will find an overview of all tonight's stars and their achievements.

Of course we would be unable to celebrate such accomplishments without the hard work of a number of people of who have made tonight's gala event possible. Please join me in thanking our judges for selecting tonight's winners, our committee for organising and promoting the awards, and to everyone who took the time to recognise outstanding achievements by nominating a student member or society to let them know that they make a real difference here.

I wish you all a wonderful evening.

With best wishes

Professor Richard A Williams
Pro Vice Chancellor and Head of College,
Engineering and Physical Sciences



Our Societies

Our active and successful student societies form an integral part of our community; providing an avenue for students to interact with one another, supplement their studies and engage with alumni and industrial contacts.



AstroSoc

The oldest society in the Guild of Students, the University of Birmingham Astronomical Society consists of current undergraduate and postgraduate students who are interested in astronomy. We organise sessions where anyone can get the chance to look at the night skies through some of the society's telescopes, and we arrange talks by experts from all aspects of astronomical-based backgrounds.



BARC: Birmingham Autonomous Robotics Club

Our society brings together students across many disciplines to the field that is revolutionising the world – robotics! We use our access to the robots from the Intelligent Robotics Lab in Computer Science to provide our members with an exciting hands-on experience. We are actively engaging in and organising public events such as demonstrations and hack days, and represent the University in robotics competitions.



BUCES: Birmingham University Chemical Engineering Society

The Society is extremely active and organises many social, industrial, sporting and charity events throughout the year. Sporting pursuits and a good team spirit are plentiful in Chemical Engineering which reflects in our participation and successes in a wide range of sports in the inter-departmental leagues and competitions.



BUMS: Birmingham University Materials Society

Birmingham University Materials Society – or BUMS as it is fondly known, is the departmental society associated with Metallurgy and Materials. The Society is free to all students in the School and combines social events with a range of career-related activities (such as industrial trips). The School is relatively small in terms of student numbers and so the Society is focused on improving the overall student experience as much as it possibly can!



Engineers Without Borders: Birmingham

EWB Birmingham is dedicated to achieving a down-to-earth society, aware of the needs for work and funding for projects in the developing world. Our mission is to facilitate human development through engineering.



Frank Morton 2015

Frank Morton was a Professor of Chemical Engineering at Birmingham before (dangerously some might say) switching to the Manchester Institute of Science. In 1961, as an avid lover of sport, he facilitated a football match between the two departments of Manchester and Birmingham. This is considered the beginning of the sporting and careers event that now encompasses departments throughout the UK every year.



GUTS: Grand Unified Theorist Society

Our objective is to bring together theorists from all stages of their careers. We hold termly socials for undergraduates, postgraduates, and research staff, where everyone (ie, not exclusively theorists!) is welcome.



James Watt Undergraduate Society

We are a society that aims to bring together staff and students within Mechanical Engineering and provide a social aspect to the degree to help students increase their social skills and also network with staff to allow for the future development of engineers. We regularly hold staff and student sporting activities and offer industrial talks from prospective employers and apprentice scheme holders.



MathSoc

We organise events so you can integrate – excuse the pun – and have fun! We're not just about wild nights out, this year we organised a series of career-orientated events and launched a volunteering scheme. We also promote local jobs targeted at our members and advertise popular internships and graduate schemes.



NucSoc

NucSoc is a society for students on the Nuclear Engineering, Nuclear Science and Materials, and Physics and Technology of Nuclear Reactors courses and acts as the portal for communication between the years. Regular and varied social events are held throughout the year. The Society is a great place for academic support and career advice – an annual careers event is held by students of the School of Metallurgy and Materials, which is attended by several major nuclear and materials employers.



Poynting Physical Society

Poynting Physical Society, known as PPS to its members, is the oldest physics student society at the University, with members including both undergraduates and postgraduates. PPS has a history that dates back to the first ever Head of School, Professor Poynting, and its traditions reflect this. The main goal of PPS is to encourage and promote social interactions between the many social and year groups here at the University.



UBRacing

UBRacing is the University's Formula Student team. Supported by the School of Mechanical Engineering, this hugely successful project enables students to gain hands on experience of a real life engineering task. Unlike many other university Formula Student teams, Birmingham encourages students from all years and all disciplines to take part. This progression through the team is vital to becoming a well-rounded engineer.



ChemSoc

We have a very active Chemical Society which is run by our undergraduates and postgraduates. We are very inclusive in getting everyone involved in ChemSoc activities, which include the School's annual black tie ball, various charity events, hosting visiting speakers and debates.



CivSoc

CivSoc is the society for civil engineers run by Civil Engineering students. As a society we want to help bring together the different year groups across the School by providing members with a good time throughout the year: organising nights out, industry talks and a massive end of year summer trip.



Computer Science Society

CSS is one of hundreds of student-run societies based at the University. Our aim is to provide a wide range of social events to suit everybody, to allow you to take time off from studying and relax in a friendly atmosphere with other students (and sometimes the staff too!). Past events have included paintballing, laser quests, meals out, pub quizzes, LAN and console nights and our infamous bar crawls.



EESESoc

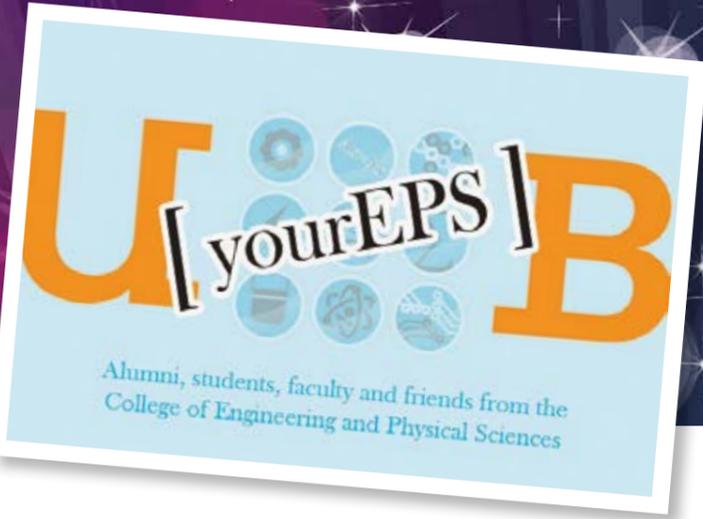
Our society brings students together in the department from all years (undergraduate and postgraduate) on events such as bar crawls, film nights, paintballing, Go Karting and new for this year, our careers fair.



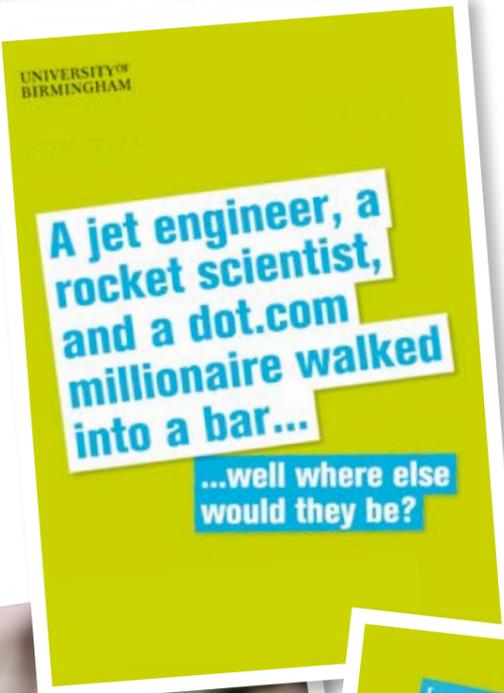
WISE: Women in Science and Engineering Society

WISE – Birmingham is a non-profit organisation with the aim of supporting and promoting women within STEM (Science, Technology, Engineering and Mathematics) at the University of Birmingham. We welcome undergraduates and postgraduates from all STEM backgrounds and organise a range of events including socials, industrial visits, talks and outreach activities.

Your network for life:
The EPS Community



Part of THE EPS COMMUNITY



It's been great working with you this year, you've done some incredible things and deserve the upmost recognition for them!

Whether you are coming to the end of your first year with us, helping to plan next year's events, stepping up to chair your society or due to graduate, you all have, and continue to hold, a key place in the EPS Community – a community that simply wouldn't exist without you!

In the College of Engineering and Physical Sciences we want your network of friends, relationships with staff and the University, and your career potential to continue long after you've donned your cap and gown. There are many ways you can continue to be involved with the EPS Community.

Get involved

By joining our community on LinkedIn you'll be able to access a whole host of information; from the latest research and news from your School, to internship and job opportunities from your EPS Careers Network, and receive invitations to events across the College such as our Distinguished, Inaugural and Christmas Lectures. We'd also encourage you to use the site as your own forum by posting any news or information, or asking questions and seeking advice from our former students. We could even help you by

finding you a mentor, locating alumni to speak to your society or promoting your activities across the University.

But why should it end when you leave?

Wherever you are and whatever you're doing, the EPS Community really is your lifeline to your School, here to support you after you've graduated as well as encouraging you to give back to the University in whatever way you can. By coming back to speak about your time here and what you've achieved in your career since leaving university, volunteering to continue your ambassadorial work on open days, offering your time to a student as a mentor, or offering work experience opportunities in your organisation, you could provide invaluable help to our future students.

To get involved email us:
eps-community@contacts.bham.ac.uk

join us on LinkedIn:
www.tinyurl.com/epslinkedin

or follow us on Twitter:
[@eps_unibham](https://twitter.com/eps_unibham)



Women Engineers and Scientists: We need you!

Are you a female engineer or scientist? Do you want to see more women enter the profession and fill the skills gap?

The second annual National Women in Engineering Day (NWED) is being held on Tuesday 23 June to raise the profile and celebrate the achievements of women in engineering and science.

Organised by the Women's Engineering Society, this day aims to celebrate women in engineering fields as well as recognising the stark skills gap that is looming and encourage getting more women to consider science as a realistic career option.

As part of National Women in Engineering Day, the EPS Community is hosting a number of activities and conversations designed to celebrate women in engineering and scientific careers. Join the conversation on Twitter [@eps_unibham](https://twitter.com/eps_unibham) #UoBWomen

Why not join in the discussion with leading female engineers and scientists. More information about this event is available at:
www.birmingham.ac.uk/wie

If you would like to volunteer to be part of our National Women in Engineering Day activities, get involved in the conversation on Twitter, or share your experiences, please get in touch by emailing us at eps-community@contacts.bham.ac.uk



Need cash to develop your idea?



Bid for up to £2,000 from funds donated by UoB graduates and make your idea a reality!

Come and find us at the Guild during Welcome Week

Rethinking STEM teaching: The Collaborative Teaching Laboratory

Many of you reading this may have heard snippets about the Collaborative Teaching Laboratory, the innovative new learning space for STEM subjects – but what you may not know is that it will shortly be getting underway, as an engineering lab is set to be created in Mechanical and Civil Engineering.

In fact the engineering lab, which is the first phase of the project to open, will be up-and-running for teaching by autumn 2016 when students return from their summer break, or start university life at Birmingham. Hot on the heels of that lab will come the rest of the scheme when work starts next year on a new building comprising an e-lab, wet lab and dry lab.

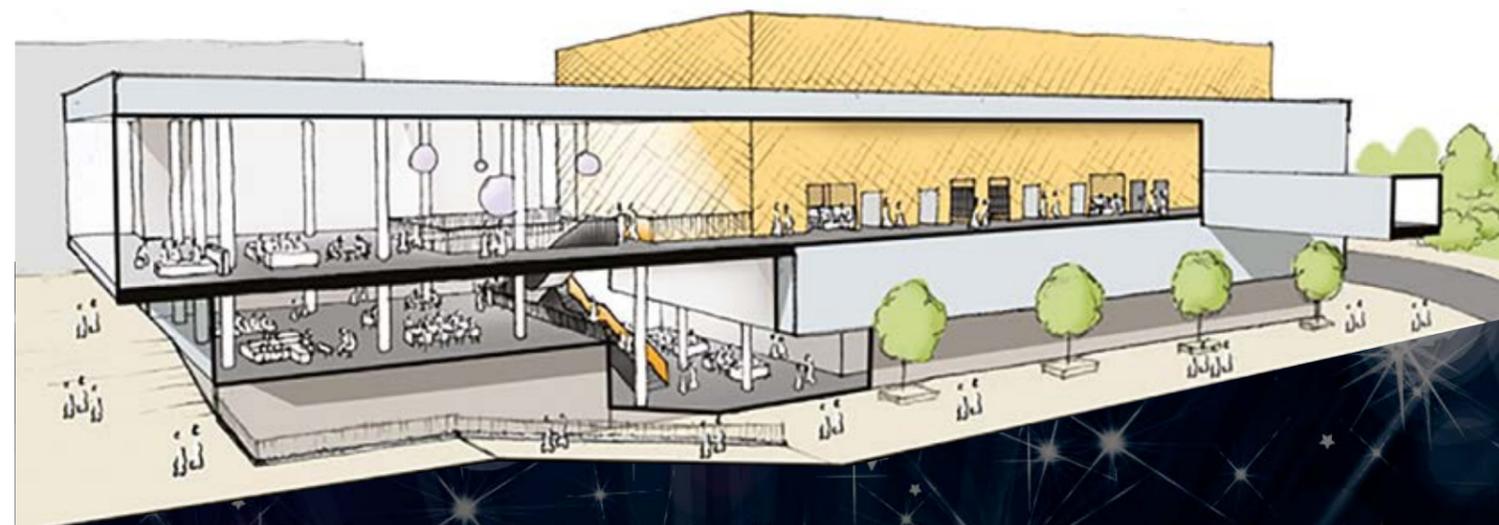
This transformational project will provide a state-of-the-art facility which will enable students from Colleges across the University to benefit from a new way of teaching. Students that graduate from STEM subjects at Birmingham will possess the interdisciplinary team working skills that employers demand, putting our graduates ahead of the game.

Professor Jon Binner, who is leading the project, said: 'This project will rethink completely the way our STEM subjects across the whole University are taught. We know that employers want to see students graduating from University with the ability to go straight into the workplace and work effectively with colleagues across different disciplines. This new, dynamic space will give students the opportunity to gain that type of experience.'

The new building, which will be open for teaching in 2018/19, will also include an interactive outreach space where it is hoped the next generation of STEM students will be inspired to take up a science subject at school.



To read more about the CTL and keep up-to-date on its progress, visit www.birmingham.ac.uk/ctl



Creative and Exceptional Event Award



This award recognises those individuals or societies who have shown creativity, intuition and innovation to deliver an exceptional event to their members.



Frank Morton 2015

Frank Morton is an annual sports day, careers fair and social gathering for Chemical Engineering students from all over the UK and Ireland, hosted in a different city each year. This year, Birmingham students made a successful bid to secure the honour of hosting Frank Morton 2015. After elections the organising committee was chosen and Katie, Matt, Grace, Guy, Gemma, Sophie, Natasha, Aaron, Adam, Alice, Alex, Rosanna and Zoe began planning after exams in June. They organised everything from contacting over 100 companies to raising nearly £40,000 of sponsorship, organising 2,700 students playing 19

sports in locations all over the city, and ensuring all the correct information reached the 27 universities attending. They even managed to book the Barclaycard Arena which was hosting the Birmingham Indoor Grand Prix international athletics event and by coincidence, had the day free. Aside from the sports competition the day played host to a careers fair with many sponsor companies attending, and closed with a bar crawl along Broad Street. The whole committee put in an immense amount of time and effort to make Frank Morton 2015 the huge success it was. Thanks to their organisation they were even able to

donate £4,000 to the Teenage Cancer Trust and the English Federation of Disability Sport, a first for the event. Fantastic feedback has been received with many saying it was 'the best Frank Morton ever' and IChemE sent glowing reviews. The team were a united force throughout. The dedication they exhibited whilst striving to produce such a seamless day was incredible. It was clearly not luck that resulted in an event of this size being such a success but the hard work and sacrifice of all those involved. So much so it is now widely accepted that the Birmingham 2015 event is one of the best Frank Morton competitions in history.



Careers Fair: Helen Watson and committee, EESESoc

In the Autumn Term EESESoc, under Helen's leadership, ran a careers fair for students in the School of Electronic, Electrical and Systems Engineering. The event attracted 18 employers from a diverse range of industries who were actively seeking recruitment from their degree streams. Helen formed an organising committee, allocating each member a role and effectively balanced her studies, society duties and social life to ensure a smooth event. Historically these careers fairs haven't been well attended but thanks to Helen and her team's diligence, perseverance and

excellent marketing skills the EESESoc Careers Fair received a fantastic turnout. The provision of food and drink meant employers and students alike were in high spirits and conversations flowed freely with companies seeking students' views on how they should approach future recruitment activities. The fact this was aimed specifically at EESE students meant all employers present were keen to advise and guide students through the recruitment processes, and provide hints and tips for a successful career in electrical engineering. Feedback has been

excellent and the Head of School personally thanked Helen and her team for making the day so successful. So much so that several applications and interviews have been arranged as a result and the fair will now become an annual event for EESESoc.



A Night at the Oscars: Emelia Galkowska, Ceri Bradshaw and Josh May, PPS: Poynting Physical Society

This year the PPS Spring Ball was held in the spectacular Birmingham Council House with the fitting theme of 'A Night at the Oscars'. A magnificent night was held which included a three course meal, open bar, live band, a Capella group 'The Treblemakers', candyfloss and popcorn, and professional photography. There was a great atmosphere with a good mix of staff and students dancing long into the night. Only three years ago the PPS Ball sold just enough tickets to be able to run the event. This year its popularity has been transformed to

such an extent that all 220 initial tickets were sold in the first hour, with over 30 people signing up for the raffle for the last 10 tickets! The students worked tirelessly and special mentions must go to Emelia, Ceri and Josh who went above and beyond to deliver an exceptional night. The event broke records and PPS welcomed staff, their partners, and students both past and present. The evening allowed students of all year groups to interact with each other and staff outside the confines of lectures, and gave alumni the opportunity to reconnect and catch

up with friends and tutors still at the University. Enormous care was taken to make this event as inclusive as possible, even supporting fellow students from across the University as the band, a Capella group and two photographers were all members of the student body pursuing their extracurricular passions. Truly a fantastic night.



Trip to the Centre for Alternative Technology: EWB Birmingham: Engineers Without Borders

During the first week of the Easter break members of Engineers Without Borders spent two nights at the Centre for Alternative Technology in Mid Wales, an interactive open-air museum dedicated to sustainable and appropriate technology. The trip was open to all members of the Society and invitations were sent across the whole of EPS. During the trip the group stayed in two eco-cabins powered only by renewable means in which everyone prepared their own food and coped with wood burners. The team spent their time learning about micro-hydro

power with a series of tours, workshops and activities, and had a huge amount of fun lighting fires, measuring the height of the Centre itself and taking midnight walks back from the pub in the pitch black. This is the largest trip EWB has ever organised and it saw over 30 members spend three days surviving off solar, wind and hydroelectric power with wood as the only source of heat. The trip was an eye-opening experience for many students who have a passion for renewable and sustainable energy but who had never seen such technologies in

action. It brought together students from a range of disciplines, including non-engineering students and was more than just a learning experience; it was a social one. This event opened EWB up to a whole host of people across the College and it saw their membership for the year tip over 100 for the first time. It wouldn't have been possible without the Hands Up alumni fund to which EWB are hugely grateful. Everyone really had a great time, learned a lot and boosted EWB's position on campus all at the same time.



WISE Inspiration: Jenny Freij, WISE: Women in Science and Engineering

The WISE Inspiration event, organised and chaired by Jenny, was a great success, thoroughly enjoyed by all and exemplifies the aims of the Society. The event brought together a series of inspirational female role models from academia, industry and business, as well as the first fellow of the Women's Engineering Society, to come and chat to WISE members about how they have got to where they are today, answer questions and offer careers-related advice. The talks gave a fascinating insight into areas such as entrepreneurship, climbing the ladder in academia,

life on a graduate scheme, work-life balance and becoming a Chartered Engineer. This presented a well-rounded view of a range of different career paths and great fuel for discussion at the networking session that followed. Jenny invested a lot of time and effort into making this event happen, from promotion to gaining funding for food and drink, and obtaining interesting speakers. This hard work behind the scenes led to the creation of an extremely innovative event that was thoroughly enjoyable and hugely beneficial to WISE members in so many ways.

The evening has since sparked a potential future collaboration with Aston University as they begin to establish their own WISE set up.



Outreach Award



This award recognises the dedication of those who work with the University to deliver outreach activities to local schools or the general public and see it as part of their role as a student to inspire the next generation of young scientists and engineers.



AstroSoc

AstroSoc do an excellent job of running a wide range of events to excite and enthuse everyone about astronomy, astrophysics and space research. These range from running talks for the more technically minded, to organising the 'Astronomy in the City' evenings which attract over 100 members of the public. Members of the Society are involved in everything from eclipse viewings (something that everyone can appreciate), to high-altitude balloon missions (which help keep physics students interested in their subject). Their outreach spans everything from encouraging

five-year-olds to take an interest in space, keeping pensioners' minds active with the latest astrophysics research, and promoting the studying of physics to those weighing up their further education options. The breadth of their outreach work is exceptional, as is the quality. They are extremely competent and enthusiastic; they work well with University staff and communicate wonderfully with those who attend the events.



GUTS: Grand Unified Theorist Society

GUTS is a niche society that brings together students whose studies and research span the Schools of both Physics and Mathematics. Jonathan Watkins and Austin Tomlinson have designed and run outreach masterclasses in theoretical physics and problem solving with local schools. It is extraordinary for a group of students to be so reflective and successfully ambitious in delivering entertaining and thought provoking sessions at the right academic level.



Jake Brooks: Outreach Co-ordinator, EWB Birmingham: Engineers Without Borders

As an outreach co-ordinator, Jake works tirelessly to build connections with local schools and deliver regular engineering-themed workshops to enthusiastic students. Despite often being swamped with course-related commitments, Jake always goes above and beyond the call of duty in hosting workshops and leads his team of volunteers by example, ensuring the continued expansion of the University's outreach programme.



Manolis Chiou: Co-leader, BARC: Birmingham Autonomous Robotic Club

Manolis strongly believes that science should be accessible to everyone. He actively encourages others to be part of one of the most promising and complex technological fields of the future. Not only is he heavily involved in the School of Computer Science's Open Days and Applicant Visit Days, but he takes robotics off campus and out to the general public. This year alone he has participated in Thinktank's Meet the Scientists and the British Science Festival by taking Dora the robot out of the lab and introducing her to spectators to demonstrate her innovative abilities.

He even got Dora to serve drinks at the Pint of Science Festival! Manolis also works with the Royal Institution and has delivered some of its Engineering Masterclasses to primary and secondary school pupils across the country. He is passionate about motivating young people to follow science or engineering and encourages them to find their inspiration.



Naomi Green: JUGS: James Watt Undergraduate Society

Naomi is determined to explore all aspects of outreach. During the year she has performed with the science entertainment show Pythagorean Cabaret, busked science at the British Science Festival and delivered activities for Meet the Scientist at Thinktank. By far her greatest achievement of the year has been winning the Health Zone for 'I'm an Engineer, Get me out of here!', a free online event where school students meet and interact with engineers. A representative for ScienceGrrl, Naomi champions the role of girls in science and engineering. She co-delivered

workshops on 'Communicating your Specialism' at the Women's Engineering Society conference and presented at a School of Mechanical Engineering Athena Swan event for undergraduates, as well as being involved in the Getting Girls into Engineering Project at Handsworth Wood Girls School. She also delivered the IET's Faraday Challenge Day for year 9s and designed the 'Accident and Emergency Engineering Challenge' workshop for school pupils. These workshops introduce students to biomedical engineering and allow

them to go through the process of designing, building, testing and budgeting. Naomi is also involved in Headstart, presents at careers events and even hosts work experience students. She shares accounts of all these activities, inspirational career stories and tips for using outreach tools via blogs at Talent 2030 and the UoB Think PE sites. All in all Naomi is an excellent female engineering role model.



UBRacing

The whole team plays a part in encouraging young people to pursue engineering. During the year UBRacing have visited a Mazak open house event and an open day at GKN driveline, taking their simulator to exhibit and delivering talks on the team and what it's like building the car. Despite busy schedules they take time out to spread their knowledge and encourage others in the community to become involved in engineering.



Volunteer of the Year Award



This award recognises those society members who have volunteered their time and expertise to help others, and have had a positive impact on the College, University and local community.



Dan Luckett: Volunteering Officer, MathSoc

As Volunteering Officer Dan has organised many successful activities that have had a positive impact on the College, University and local community. Dan has been relentless in doing everything he can to raise money for charity, donating considerable amounts of his time and inspiring others to join in. He ran a charity bake sale raising nearly £200 for MathSoc's chosen charity of the year, The Prince's Trust. In November he organised a bowling night which had a great turn out and secured a further £100 for charity. Dan has been a key figure in the set

up of the Society's newly formed Volunteering Scheme with the aim of not only creating a more inclusive society, but also finding an accessible way to improve the employability of their members through their extracurricular involvement. Through the Scheme Dan arranged for a group of students to run the Coventry Half Marathon, raising over £600! In February he introduced the EPS Charity Football Tournament, a first for the College that brought together teams to compete and, most importantly, have fun. Over the year a grand total of £1,300 has been

raised for The Princes' Trust. Alongside his charity work Dan has helped organise the School's annual trip to Coniston, acted as a student rep and STEM ambassador, and has been involved in the MathSoc Family Scheme. There is no one more caring, helpful, passionate and willing to go out of their way for others than Dan, and his impact is evident.



Joel Evans: CivSoc

Joel is one of the keenest volunteers within the School of Civil Engineering. He is regularly involved in the School's outreach activities and is one of the key ambassadors on Applicant Visit Days. Joel has inspired numerous pupils from local schools about the world of civil engineering by running fun activities such as building a scaled cable-stayed bridge. Joel has also held First Year Rep and President positions at CivSoc and has been voted as the Year Rep by his course mates during his 1st, 2nd and 4th (current) years of his MEng degree, showing his

dedication and enthusiasm. In addition, Joel has established the Civil Engineering Football Club to encourage inter-year group mixing and, with help from friends, has managed this 11 a-side football team into the University's friendly division where they finished second place last season. Joel's passion for volunteering is not limited to the University as he has undertaken international charity work in Tanzania and was involved with the installation of solar panels, providing general aid, immunisation, latrines and land development work there.



Iolo Hughes: Sports Officer, EESESoc

As Sports Officer Iolo has strived to improve the opportunities offered to EESESoc. He re-structured the football team to the EESE Shockers, helping them to vastly improve their performance on previous years. His dedication has meant that more people have been involved and enjoyed participating as part of the team. Iolo has spent a lot of his free time supporting the team, organising training, running social events and providing support for matches to create a team that can perform well and also has a friendly atmosphere. The amount of time

Iolo has spent organising the sports teams for EESE is inspirational and his dedication is faultless. Without Iolo's hard work and determination EESESoc would not have the sports team that it has today and many students value the team as a fun way to relax and bond with their course friends in an atmosphere that Iolo has built. He always goes above and beyond what is asked of him, he has used his passion for sport to encourage others for no rewards and acts selflessly to ensure that the players enjoy themselves.



Katie Aiston: President, Frank Morton 2015 and 4th Year Rep, BUCES

Katie volunteered to put a bid in for the University to host the Frank Morton sports day two years in a row and successfully won for 2015. She was 100% committed from day one with a plethora of amazing ideas and ways to make this event bigger and better than ever before. Her experience stems from all of the hard work and effort she put into the BUCES committee during her term as President in 2013/14 before taking the helm of the Frank Morton committee. Katie knows the most effective methods to target potential sponsorship companies

and taught the team about wording and negotiation that would help encourage organisations to become involved. She put an immense amount of time into making this event fantastic; she gave praise when needed and was able to identify when people had an increased workload both within Frank Morton and outside of it with coursework or other commitments. She tries her best to help people and is always 100% available to anyone on the committee. She knew the event like the back of her hand and no matter what challenge or

obstacle was put in her way she had the leadership, adaptability and initiative to solve them. Everything about Frank Morton 2015 improved in a positive way and Katie played a huge part in this.

EPS Community Award



This award recognises the distinguished contributions of individual student members to the wider College or University community.



Dan Luckett: Volunteering Officer, MathSoc

Dan's enthusiasm for the MathSoc Volunteering Scheme shows no bounds and one of the crowning moments of the Scheme was the EPS Charity Football Tournament. Dan organised students from across the College to compete against one another in a knockout competition on a rainy Saturday in February in which five societies (MathSoc, PPS, EWB, EESE and JUGS) fought to become the first EPS football champion. The day consisted of two mini-leagues in which every team played at least three matches, after which there was a knockout stage of

semi-finals and a final. This was the first time an inter-College 6-a-side football tournament has ever been run. PPS were the winners and received a trophy and College bragging-rights, but all the teams raised a total of £268 from the whole event. In addition to raising money for The Prince's Trust, this event allowed students from different EPS Schools to mingle and provided the perfect opportunity to show that students from different disciplines can work together. He was tireless in his attention to detail in all aspects of organisation and motivating

Schools to get together and contribute a team. The only shame for him was Maths losing to Physics in the final! However, everyone is still friends and hoping that the tournament can become a fixture in the College student calendar. The benefits to the Schools, College and community are enormous and will be remembered long into the future. Dan took the initiative to further the community within the College and there is already talk of similar events in the future.



EPS Netball

This team, in its cross-College nature, brings together students from across the Schools and although mixed, gives predominantly female students a sports team to join that is competitive but inclusive. It has provided a fantastic way to work out and distress with likeminded, hardworking scientists. The team train twice a week and include lots of different fitness activities, drills and match play. Interschool matches are played on a Sunday against mixed netball teams from many different subject departments, which can turn from friendly to highly competitive mid-match!



EWB Birmingham: Engineers Without Borders

Engineers Without Borders, by its very nature, encompasses a considerable proportion of the EPS Community with activities focusing on international and sustainable development which can be of interest to any field of study. This year EWB has excelled in bringing the College community together and has extended the Society's scope further than ever before. In February, Pro Vice Chancellor and Head of College Professor Richard Williams delivered a lecture on the role of cryogenic energy storage systems at one of the weekly EWB events. They

extended the invitation to all students in the College so as to share the knowledge and enable others to benefit from the event. The Society also organised trips to the Oxfam Logistics Warehouse and the Centre for Alternative Technology where students joined in from numerous fields including Civil, Chemical and Mechanical Engineering, Materials and Biosciences, and also exchange students from around the world, eg, Iceland, Hong Kong or Brazil. Finally, following their latest AGM the EWB committee now consists of a mix of members from the Schools

of Chemical and Civil Engineering, Metallurgy and Materials, Mathematics, and Biosciences, implying that this Society will continue to bring together the EPS Community and has the potential to further expand its reach.



James O'Neill: President, CivSoc

James willingly stepped in to become CivSoc President at the beginning of this year and has excelled in his position. He has confidently and enthusiastically led his committee, helping to organise several events for members and has improved relationships across all four year groups in the School of Civil Engineering. James is also Social Sec for the engineering rugby team, BUMMERS. He is a passionate sportsman and is often seen either on the pitch playing rugby or shouting encouragement on the side-lines for the well fought

CivSoc vs JUGS football matches for which he always provides an entertaining match report. As well as his sporting achievements, James is very enthusiastic about engineering and has made several trips back to his old school to advertise courses at Birmingham. This year he helped establish a program encouraging more Civil Engineering students to return to their former schools and give talks to pupils, inspiring them to consider engineering at university. James also delivered a speech to his course mates, helping them with their applications and interview

techniques for the RESPECT summer placement scheme, making this one of the most successful years for students.



Industrial Award

This award recognises an individual or society whose work in creating industrial links for their school and members reflects the values of the University: excellence, distinctiveness, impact, confidence and pride.



EESESoc

In November EESESoc organised a careers fair which attracted 18 companies from both local businesses and larger corporations to the School of Electronic, Electrical and Systems Engineering. The event received a very good turnout of students from all years of study thanks to the outstanding advertising efforts of the EESESoc committee. Whilst busy, the event allowed a good personal interaction with company representatives, providing valuable insight into the offers of various organisations actively seeking recruitment from the

electrical engineering discipline. The provision of food and drink meant guests were in high spirits and attendance was strong. Employers were impressed with the quality and calibre of the students they spoke to and said there was a really high level of interest in the jobs and placements they had on offer.



Frank Morton 2015

After contacting over 100 companies with detailed sponsorship packages, the Frank Morton committee secured £37,128 worth of funding from 21 organisations. This was a particularly difficult year with many companies unexpectedly pulling out, resulting in the team having to be even more persuasive and clearly demonstrate what would be offered in return for investment. With numerous emails, phone calls and meetings the committee secured more sponsorship than in any other year. The event itself included a huge careers fair for nearly 3,000 chemical engineering students

from across the UK. As for the competition itself, nearly all 19 sports had companies sponsoring or attending. Careful use of social media, banners and other merchandise also promoted sponsor companies throughout the course of the event. Although all committee members worked tirelessly to make Frank Morton 2015 the success that it was and contributed immensely to ensure all companies were happy, a special mention must go to Natasha and Aaron where professional attitudes and friendly mannerisms meant that fantastic feedback was

received after the event. They dealt with issues calmly and effectively, and were highly organised throughout the planning process. Another mention must go to Gemma who as Treasurer had the responsible job of dealing with sponsorship and budgets.



Ella Howells: Industrial Representative, BUCES

This year has been outstanding for student engagement with industry thanks in no small way to Ella. She was elected under the promise that she would help BUCES members in securing placements and graduate roles. This is a task that Ella has taken incredibly seriously. Her superb organisation of the BUCES Annual Industrial Dinner secured 15 industrial sponsors donating in excess of £4,700 and attracted 144 guests, making this the biggest and most successful dinner yet. Ella's attention to detail and her passionate drive led to a brilliant evening that

allowed students, staff and industrialists to interact in a relaxed atmosphere. She organised the event in such a way that it encouraged both younger and older years to attend, meaning that everyone had the chance to speak to relevant industries about experiences they could apply for, regardless of their year of study. During the course of the year Ella has brought more companies into Chemical Engineering for talks, quizzes and workshops than ever before. Consequently the School has seen more students gain both summer and year placements. Ella

has also put the wheels in motion for a directory of alumni which will allow current students to discuss their applications with those now working for that specific company; something BUCES is already seeing the benefits of. Not only this, she was part of a finalist team in the 2015 RWE NPower Energy Challenge. Ella is an outstanding ambassador for the School and University, and her professionalism, diligence, composure and enthusiasm has created a real buzz in the School.



Luke Rollings: President, NucSoc

Luke has been a tremendous force for good in terms of creating a number of events that stimulate fellow students to think about future careers. This has been both through exposing students to opportunities linked to internships and inviting key companies into the University to talk about careers. The first event Luke organised this year was a student-led talk held by volunteers who spoke about their experiences on summer placements and internships. Luke also helped out with the Materials Autumn Careers Fair and the smaller spring event, and followed this up

with an invited talk from Rolls-Royce in March. This was all at the initiative of Luke and fellow society members, and was hugely appreciated by students. Based on feedback received from Rolls-Royce, they were impressed by the students they met and equally the students were inspired by meeting a company that many of them could potentially end up working for. This year's events built on the incredible efforts of previous years in being proactive in creating opportunities for students to engage with future employers. This has been enormously valuable as the

course is new and until recently the efforts of students were not on the radar of employers. Now they are actively tracking them down, such is the impression they have made. If this was not enough, Luke and his colleagues helped organise the annual Materials Ball which was by far the most successful to date. Luke's contribution to careers activities has been an exemplar for future years.

Inspirational Committee Member



This award recognises those who, through excellent organisation skills and a proactive attitude, have offered outstanding opportunities to members, gone above and beyond the call of duty to ensure their society is engaging and exciting, and ensured that members are happy and involved with activities provided.



David Streater: President, EWB Birmingham: Engineers Without Borders

David has been a committee member of EWB for two years and is the driving force behind the Society. He has done an outstanding job of growing EWB Birmingham from an informal gathering of a handful of students, to an active society with many links to national industrial, educational and charitable organisations. He has made EWB an engaging society that welcomes many different students and makes a real difference at the University, in local schools, and in the countries where the charity operates. In this time he has run multiple charity

fundraisers and started the Birmingham branch of Cameroon Catalyst, a project which involves developing rainwater harvesting systems for a village in Cameroon. David has also been proactive in suggesting the goals of the national Engineers Without Borders organisation. In September he undertook the massive task of organising the EWB National Conference for all groups in the UK. David has been an inspiration not only through his leadership and enthusiasm, but also his immense commitment and ability to regularly

be at the forefront of EWB activities. David is a pleasure to work with and has given the Society a warm and welcoming feel, a key part of why it has grown so quickly. He takes on a huge amount of responsibility, is fully dedicated to the cause and is not fazed by anything. He is a confident leader and maintains a permanent state of calm no matter what. He is an all-round great guy.



Diana Murgulet: President, CSS: Computer Science Society

Diana actually started out on the University's Liberal Arts degree and choose a minor in Computer Science in which she excelled and so requested to change programme. This was very much Computer Science's gain! She was originally elected to be Vice President of the Society (no mean feat for somebody who wasn't at that time a full member of Computer Science) and stepped into the role of President of CSS earlier this year. She has proven to be both a popular and inspirational role model. She has worked closely with academic staff to organise key events

which have greatly contributed to school culture and increased in popularity as the year has gone on. She even led the Society to the first ever Computer Science Ball. She is an excellent and reliable leader with an innate ability to work with society members and staff alike. Diana has done a brilliant job of representing the Society and its members, successfully bringing them through a very busy academic year.



Eve Dam: President, MathSoc

Eve has been an outstanding leader of MathSoc this year. She took what was already a society gathering momentum and gave it an even bigger injection of vitality. In three years the Society has gone from barely existing, to being one of the biggest in the Guild of Students. There are now 233 official members and many more who join in events. 710 are in the official Facebook group! Eve has presided over more than 15 different events ranging from the careers evening – a very classy affair with invited companies – to the incredible Maths Spring Ball.

The Society has transformed the School of Mathematics and provides a real, tangible feel of community. All students are able to join in with events that are of interest to them. There are very loosely organised evenings, such as club nights, as well as highly complex undertakings such as the MathSoc weekend trip to Amsterdam. Under Eve the Society set the tone for the new first year intake in September, welcoming them and running the team building treasure hunt, pizza party and the Family Scheme, all in Welcome Week and bound the first year

together very positively. The Family Scheme, inaugurated last year, has been successful again this year. Eve saw the vision of this and worked alongside her committee to make this a very worthwhile effort again. She has been energetic, efficient and polite throughout all she does for MathSoc.



Helen Watson: Chair, EEESoc

Under Helen's leadership EEESoc has flourished. Her enthusiasm and readiness to help has led to the doubling of the Society's membership in the last year. She has been at the heart of organising all student-led events within the School, most notably the highly successful EESE Careers Day in November. So successful that EESE has agreed to make the event an annual occurrence. She is also a keen representative of the School on Open Days and Applicant Visit Days. Her energy and enthusiasm knows no bounds and she is a valuable asset to the EPS Community.



Josh May Secretary, PPS: Poynting Physical Society.

Josh is at the very heart of PPS having been a member for the entire of his University life. He is the main organiser for most of PPS' socials putting huge amounts of energy into events which have since become famous, particularly the Freshers' bar crawl The Higgs Booze On. Josh led the re-brand of PPS and has been one of the three main organisers for the PPS Spring Ball for the last two years. Josh is possibly the principle reason for the recent success of PPS and he will be missed when he graduates this year!



Katie Aiston: President, Frank Morton 2015 and 4th Year Rep, BUCES

Katie has been active in BUCES and the School of Chemical Engineering since the day she arrived. She engages with everyone: staff, students, prospective students and parents. Her enthusiasm and energy is a real asset when it comes to undergraduate recruitment and is highly infectious. She was BUCES President last year and maintained a position on the committee this year. The real inspiration comes from her work leading the Frank Morton committee. She chaired fellow students to organise the national chemical engineering sports day, managed a cash flow of almost

£80,000, secured industrial sponsorship, arranged a careers fair and shepherded nearly 3,000 people attending. Not only this but she is an active representative for the School and is regularly involved in outreach activities. Katie is always at the front-line of BUCES, inspiring new and existing members to participate in activities and events. Her ability to balance work commitments with a wide range of external and social activities is incredible. One of life's natural organisers; she will be greatly missed when she graduates.



Role Model of the Year

This award recognises those who exemplify the best within themselves and others, and are recognised as a role model for their positive attitude and achievements.



Agota Mockutė: Secretary, EWB Birmingham: Engineers Without Borders

Agota has been the person in the know about everything EWB and Civil Engineering for the past two years. She has contributed immensely to the Society and the School during her time as both President and Secretary of the Society. She works tirelessly behind the scenes to keep the Society going and always offers a warm welcome to new members at every meeting. Agota is a huge source of enthusiasm and has helped make EWB the success it has become over the past couple of years. She has fostered a strong sense of community between

everyone within EWB, most notably on the recent CAT trip where she bridged any potential boundaries between members and non-members before they even emerged. She has been an excellent secretary over the last year but what makes her such a good role model is her sheer friendliness and energy. Her positivity is contagious and she is a fantastic ambassador for the University and the EPS Community.



Dan Lockett: Volunteering Officer, MathSoc

Dan is one of those people who everyone knows and respects. He does everything. He is Volunteering Officer for MathSoc, Chair of Student Reps for the School of Maths and a student ambassador. He helped with the School trip to Coniston in the Lake District, leading the group on walks both days and generally being the point of contact for everyone. Dan has also led the MathSoc Volunteering Scheme this year, encouraging members to take part in raising money for charity and being involved in the Family Scheme for new students. He's organised

bake sales, bowling nights, marathon runs, sports days and many more. He also initiated the EPS Charity Football Tournament which was a great hit. Without Dan's enthusiasm and commitment MathSoc would not have raised over £1,300 for The Prince's Trust this year.



George Morton
President, BUCES

George is a phenomenal student. He is likely to come top academically in his graduating year, but to also chair the very dynamic BUCES is an amazing balancing act. He is a highly personable, switched-on and capable student and recipient of the national Salter's Prize for outstanding undergraduate achievement in Chemical Engineering and Chemistry. His diligence on the course and willingness to support and mentor students from earlier years make him a fantastic role model and an excellent ambassador for his cohort, the School and the University as a whole.



Grace Hayward
IT and Comms Rep, BUCES

Grace has really thrown herself into BUCES. Through her role as IT and Comms Rep she has created a BUCES canvas page and helped promote events to all members, especially those groups who historically have not been involved. She is also a vital member of the Frank Morton team. Despite her busy schedule she always finds time to offer younger students help and advice; she has an incredible work ethic and desire to help others. Grace is hugely dedicated, passionate, loves Chemical Engineering and is an incredible all-round person!



Joseph Moorhouse: Technical Director, UBRacing

Since becoming aware of the Formula Student competition Joseph strived to one day become Technical Director of Birmingham's team. Taking a gap year to ensure he attended the University, Joseph strived to learn all there is to know about Mechanical Engineering. Over the past three years, he has spent countless hours working on the UBRacing project. This year Joseph has mentored, organised and led a team of talented students. He has made students fall in love with the project, the team and the subject. Joseph's passion and knowledge

is second to none. He is also an all-round kind and caring person, approachable and calm under pressure. He is an excellent listener with impeccable attention to detail. Joseph shows outstanding commitment to the team and its members everyday. He is incredibly driven and puts other people's issues before his own, often putting himself at a disadvantage in order to help and never shying away from putting the effort in. Joe can always be relied upon no matter what. Many would not be involved with UBRacing if it wasn't for him and his 'arm around

the shoulder' attitude. Joseph is a big personality around the lab, using humour to motivate others when things are getting tough and without him, UBR18 would not be the outstanding piece of design that it is.



Samuel Brown: Head of Business Operations and Outboards, UBRacing

Sam is incredibly knowledgeable and is everyone's go-to for support, whether it be racing or degree related he is always willing to help no matter how busy his personal schedule is. He has the annoyingly useful ability to absorb knowledge instantaneously and is then able to apply and explain it to others. Not forgetting his engineering skills, demonstrated in his design of the uprights for UBR18, which have paved the way to a new level of quality. Sam also puts in a great deal of effort to integrate new members to the team and is an important part of making them feel

welcome and supported. He is dedicated, driven and approachable. He is passionate about the project and is one of the driving forces behind what should be the team's most successful year to date. His attitude and commitment are something that everyone around him can look up to and aspire to be like. Sam is part of the glue that holds the team together with his excellent attitude to looking after people and his great 'man-management' skills.

Head of College Idea of the Year

This award recognises an individual or society who has been involved in an innovation, project or event which has had a significant impact on their school or society.



Terry Moorton and Dan Luckett: Secretary and Volunteering Officer, MathSoc

Terry and Dan came up with the idea of the MathSoc Volunteering Scheme at the start of this academic year. The Volunteering Scheme is designed to allow MathSoc members to help out the Society and raise money for charity. The Scheme included the existing MathSoc Family Scheme where members volunteered to act as 'parents' who mentored the 'children' (first years) to help them settle in and adapt to university life (this won Idea of the Year in 2014!). The Scheme also hosted several events including charity bowling, a cake sale and the EPS Charity

Football Tournament to raise money for our charity of the year, The Prince's trust. Also, a group of MathSoc volunteers took part in the Coventry half marathon to raise even more money. Overall the Scheme has raised in excess £1,300 in its first year and the Society hope this will continue to raise even more money for another charity next year.



BARC: Birmingham Autonomous Robotic Club

BARC strongly believes that robots can positively affect our world and seeks opportunities on how to be part of this movement. They participate in the RoCKIn robotic competition, which stands for 'robot competitions kicking innovation'. RoCKIn@Home contributes to the field of domestic service robotics which in turn tackles the issues of the aging population. The challenge is not only to robustly solve a real world problem, ie, taking care of an elderly person in a flat on their own, but also to develop innovative research and solutions. As the duration of this

challenge is two years, the team primarily focused on building robust and repeatable robot behaviours during this first year. This is important as many robot-related problems are solved in scientific papers and labs but their deployment in the real world is still problematic. BARC built their system from existing state-of-the-art methods focusing on increasing reliability. They won first prize for two of the competition's challenges and therefore have succeeded in their mission for the first year. Plus, during the trials for this competition data was collected that will further

contribute towards scientific benchmarking of related research within the team. For the upcoming year, BARC's focus is to implement cutting-edge innovative research which will build on this existing reliable system.



Dan Luckett: Volunteering Officer, MathSoc

The EPS Charity Football Tournament was an event that ticked multiple boxes but above all it brought the many Schools, and students in them, within the College of Engineering and Physical Sciences together. It provided a forum for fun interaction and light-hearted competition that drew students from different disciplines together so constructively. Dan's enthusiasm for MathSoc's Volunteering Scheme, which he developed and ran from scratch with fellow MathSoc member Terry Moorton, showed no bounds this

year and one of the crowning moments of the Scheme was this football tournament. He organised the schools and societies to compete against one another in a knockout competition on a rainy Saturday in February. Dan was tireless in his attention to detail in all aspects of organisation, motivating societies to get together and contribute teams. The only downside for him was Maths losing to Physics in the final! It is now hoped that the tournament can become a regular fixture in the College calendar. The benefits to Schools, College and

EPS Community are enormous and will be remembered long into the future.



Jonathan Watkins: GUTS: Grand Unified Theorist Society

GUTS have hosted Theory Masterclass events for 20–30 year 12 students from local schools. The aim of the masterclass is to understand what theoretical physics is and to help students think like a theoretical physicist. The masterclass consists of a series of activities, including problem solving in groups with the help of graduate students, games that involve problem solving skills, and a talk from a theory lecturer. They have typically taken up most of a school day, with lunch in the company of Birmingham theory students. GUTS will this year be

hosting a two-hour Think Like A Theorist session for GCSE students in the annual Physics Experience Week in the first week of July. These activities have increased the profile of the School and the Theory Group within the local community, and further helped our partnership with local schools.



WISE: Women in Science and Engineering

WISE is the only EPS society dedicated to support and promote women within STEM subjects and is aimed at both undergraduate and postgraduate students across the College and wider University. WISE is a new society this year, with a new committee and new members. A great deal of effort has been made to slowly embed the Society into the EPS Community. WISE aims to gather female engineers and scientists, and their supporters from across the University to provide careers opportunities to female students studying an engineering

or scientific degree. The team look to enhance the employability skills of their members through building up contacts and experiences with industry. They aid in career-related activities so students can make an informed decision when choosing their career direction following their degree. WISE work to give their members a chance to see their subject area being applied to real projects and products so they can see the impact of their theoretical knowledge on practical applications, such as cutting edge technologies. Such initiatives help build

relationships with industry and provide a platform for the University to showcase female scientists and engineers, making WISE Birmingham a worthy ambassador for the University and the female scientist community. All in all, this new society has offered a number of career and social opportunities this year. A strong collaboration with CLAD and the Careers Network, along with a strong new committee, has been established so that WISE can provide the best of what the University has to offer to its members going forward into the next academic year.



Circles of Influence Endeavour Award

This award recognises outstanding contribution to the College of Engineering and Physical Sciences. Whether through fundraising initiatives, raising awareness of School and College events, acting as a student ambassador, being the go-to person for help and advice, or encouraging others to get involved, these individuals regularly go above and beyond the call of duty to enhance the student experience.



James Waterhouse: Team Principal, UBRacing

James has been an excellent Team Principal for this year's car, with his brilliant organisation and more importantly his people management skills. Throughout the year, he has created a strong, cohesive team that gets on well in and out of the lab. Having taken on the huge task of organising the team to build the car, James has showed outstanding organisation and leadership skills, and no doubt will carry this forward all the way to competition. He is always the instigator of morale boosting trips to the curry house after long team meetings and always

there to offer advice to members. James breaks down any barriers between members of different ages and disciplines to create a strong team environment. His faith and belief in his team enables members to make their roles their own and really thrive. James is someone who instils confidence in other people, even when they are lacking in it themselves; a skill which will stand him in good stead in the future as it comes to him so naturally.



David Streater: President, EWB Birmingham: Engineers Without Borders

David is the superstar of Engineers Without Borders. Whether it be organising the National Volunteer Training Weekend for over 100 EWB-UK volunteers coming to Birmingham from across the country, running a fundraising PearJam night, or arranging everything from A-Z for Society trips, David is the main person behind every single event that Engineers Without Borders runs. He devises new ideas and solutions to problems, delegating tasks to other committee members according to their strengths, and always carrying the majority of the

weight himself. This year David has done so much! He arranged for Professor Richard Williams to give a talk on cryogenic energy storage systems during one of the EWB weekly events and invited the whole of the EPS College to attend, organised for the initial designs of EWB's Cameroon Catalyst project to be critically evaluated by professionals from industry, is a STEM ambassador and attends outreach events encouraging a younger generation to take interest in STEM subjects, and participated in the EPS Charity Football

Tournament. Thanks to his extensive involvement he is a well-known face and name within the EPS Community and beyond. He also arranged every aspect of EWB's trip to the Centre for Alternative Technology in Wales and wrote a successful application to the Hands Up alumni fund to gain additional support. David is also wonderfully approachable on a personal level; hence he is always the first person any member of the Society turns to.



Jenny Freij: President, WISE: Women in Science and Engineering

In a short space of time Jenny has grown WISE-Birmingham from a small student non-profit organisation to an outstanding EPS society. She cofounded WISE-Birmingham to support and promote women within STEM at UoB. This year Jenny has raised awareness of WISE, led the successful recruitment of a passionate new committee, set up the WISE Birmingham Women in Science and Engineering Blog and was instrumental in organising the WISE Inspiration event. This networking event brought together a series of inspirational female role

models from academia and industry, as well as the first Fellow of the Women's Engineering Society, to come and chat to their members about how they have got to where they are today and offer career advice. The event also sparked a potential future collaboration with Aston University as they begin to establish their own WISE setup. Jenny is the driving force behind the Society's success. She has delivered successful projects, networking and social events, outreach activities as well as source-funding and raised the WISE-Birmingham profile. She is a

fantastic role model to female science students and has demonstrated excellent leadership qualities, strategic thinking and a natural ability to motivate others. With this Society Jenny will leave a lasting legacy on the EPS Community.



Grace Hayward: I.T and Comms Rep, BUCES

Grace has been a dedicated part of the BUCES committee since her very first day at university. She was the first year rep last year, during which time she helped draw in the biggest number of new students than in any other year. She has attended weekly interview days for prospective students, helping to encourage others to study Chemical Engineering at Birmingham. She is known for being friendly and approachable to all years and encourages everybody to join in the range of activities BUCES has to offer. This year she has worked incredibly hard as part of two

committees for both BUCES and Frank Morton (after helping secure the winning bid last year). She is the first to offer to help another committee member, and more than willing to work into the early hours (as has been needed!) to ensure the overall success of an event or piece of work. Grace is modest and gracious and incredibly deserving of such an award. She has been involved in everything Chemical Engineering for the past two years and all with a smile across her face. She is a true pleasure to work with.



Katie Aiston: President Frank Morton 2015 and 4th year rep, BUCES

Katie has been active in BUCES and Chemical Engineering since the day she arrived on campus. She was BUCES' President last year and maintained a position on the committee this year. The real brilliance comes from her work leading the Frank Morton 2015 committee. Frank Morton is an annual sporting, careers and social event for Chemical Engineering students from across the UK and Ireland. This year Katie led the successful bid for Birmingham to host the event. 13 students organised the event, from

contacting over 100 companies to raise nearly £40,000 of sponsorship, managing an £80,000 budget, to organising nearly 3,000 students playing 19 sports in locations all over the city, and ensuring all the correct information reached the 27 universities attending. After the event almost £4,000 was donated to charity. The whole committee put in a lot of time and effort to make this the success it was. They received fantastic feedback stating that attendees really enjoyed Frank Morton 2015, with some saying

it was 'the best Frank Morton ever'. Katie was exceptional in guiding the Committee to deliver the 'biggest engineering sports event in British history'. Katie is a huge asset to the BUCES, the School and University; she is a real inspiration.

Society of the Year 2014/15



This award celebrates the outstanding activities conducted by societies over the course of the 2014/15 academic year. Whether through launching new projects, management of activities, volunteering, events or membership numbers, these societies have pushed the boundaries and delivered more than ever before.



BUCES: Birmingham University Chemical Engineering Society

BUCES work tirelessly to deliver incredible value to over 400 active members through industrial, social and sporting events. Never has this been more true than this year. With the School almost doubling in size in the past few years it would be far too easy for the community feel to be lost, however quite the opposite has happened and that feeling has grown stronger. BUCES has done an exceptional job of uniting the School to create an enjoyable and productive environment. They have raised a substantial amount of money for Acorns, helped students land a

variety of internships and jobs, as well as enabled members to build up a network of friends through their many social events. This year's first years are now perhaps their most active society members with incredible attendance at events and general involvement with the School. Even by BUCES standards 2014/15 has proved to be bigger and better, with highlights including their largest Industrial Dinner with 15 companies and 150 students attending, the ever-popular Winter Ball with over 170 guests, more international students joining the Society than

ever before, and finally arranging the Frank Morton 2015 sports day (and of course winning it!). BUCES offers something for everyone and really helps students get involved.



BUMS: Birmingham University Materials Society

This year BUMS has undergone a complete overhaul, re-branding and re-designing their logo with the hope of involving more students with the Society. Right from the off new first years and direct entry students have been welcomed with open arms into the Society and given Freshers' Packs with information about events and sources of help, along with the launch of a mentoring scheme to integrate them into the School and offer support. This proved so successful that requests have been made for this to be expanded to involve second years! Events

including industrial visits, careers fairs, social nights and sporting activities (in which BUMS won the inter-mural mixed netball league!) have been added to the calendar and a placement scheme introduced for first years wishing to take summer opportunities with academics. They also co-organised the annual Materials Ball with NucSoc and have been brilliant allies throughout the year. Their success in linking different groups of students is a real step change and its effects have been felt throughout the School. The friendly atmosphere and collegiate spirit is

universally appreciated and has contributed substantially to a massively successful year for both staff and students. The committee's organisation and creativity has resulted in some top quality events. The amount of effort put in to not only achieve this, but vastly improve the interconnectivity and networking within the School is brilliant. They have sought to bring the School together like never before.



CSS: Computer Science Society

CSS is full of dedicated team members who are always trying new and exciting ways to get everyone involved. Throughout the year they have organised many fun, inventive and enjoyable events, all of which were extremely well planned and smoothly executed. The committee actively seeks to integrate students from all backgrounds via bonding sessions such as pub crawls and bowling. Their events are tailored to what their members want and they take great pride in including everyone. There seems to be

something on every week and the whole committee are always friendly and approachable. CSS faced a difficult start to the year but despite this they have grown to be highly active, genuinely inclusive and fully engaged with School life. They have achieved a number of School firsts, including the inaugural Computer Science Ball (which was a major success!) and have hosted industrial events with companies including teach first. Thanks to this year's committee the Computer Science community is stronger than ever.



MathSoc

MathSoc have gone from strength to strength this year and are virtually unrecognisable. They have created a true community feel amongst the student body and have successfully fostered a friendly atmosphere amongst students and staff in the School. Only a short time ago MathSoc was near non-existent. This year they have experienced a 40% increase in membership and are now one of the biggest societies in the Guild! They are thriving thanks to the efforts of those who have worked hard to breathe new life into the Society. They've delivered a total

of 15 different events, including the first ever MathSoc on Tour which was a resounding success with 78 students on the trip to Amsterdam. The Volunteering Scheme launched and included the continuation of the award-winning MathSoc Family Scheme and has seen students and staff raise £1,300 for The Prince's Trust through activities such as bake sales and bowling nights. There was also the first ever MathSoc Weekend of Charity Sport, which included a team running in the Coventry Half Marathon and the flagship event the EPS Charity Football Tournament,

also a first in the recent history of the College. For students looking for graduate opportunities, the Careers Networking Event brought together renowned employers looking specifically for mathematics graduates and gave students an opportunity to explore their options. And of course, there were the film nights, club nights, bar crawls, and a bigger than ever MathSoc Spring Ball to finish off the year in style. MathSoc is now firmly and proudly a central part of the School of Mathematics.



NucSoc

NucSoc is a relatively new society that has grown massively under their President Luke over the last year and will continue to grow under him next year. They are big on making their members feel welcome and at home. From freshers' welcome socials to joint events run with BUMS, and careers activities with talks from professions at companies such as Rolls Royce, there is plenty for everyone to get involved with. This year's new mentor scheme has made it so that any problems freshers, or other years for that matter, may have there is always someone willing to

help or lend an ear. The committee are a great bunch who work for the benefit of those in the Society and work hard to ensure that regular events are planned and that support is available through all years making university life for everyone easier, smoother and more enjoyable. They have made NucSoc one big family and created an incredible sense of community and togetherness.



Society of the Year 2014/15

continued



PPS: Poynting Physical Society

PPS is one of the University's oldest societies, even outdating the Guild itself! It is well established with numbers increasing year on year. PPS acts as a real anchor for freshers offering the chance to meet their peers outside of the lecture theatre and settle into University life, both through their new buddy scheme and at events. The freshers' bar crawl, 'Higgs Booze On', is renowned not only for being a highlight of the year, but also for creating lifelong friendships! Beyond this, the Society offers the chance for students to interact with staff and former

students. This has never been more evident than this year when more than 10% of the attendees to the Spring Ball were staff and alumni. The Ball was held at the highly complimented Birmingham Council House for over 200 attendees and was a great way to cap off an incredible year. In other activities PPS have branched out into more cultural events with a trip to see the play Oppenheimer in Stratford, introduced a second football team and won the first EPS Charity Football Tournament. Throughout the year PPS has recorded unprecedented numbers

and remains the backbone for social activities within the School of Physics and Astronomy.



WISE: Women in Science and Engineering

WISE has made a significant impact in a short space of time, having only formed as a committee in the last year. They aim to gather all female engineers, scientists and supporters to provide inspirational opportunities to female students at Birmingham. Within their short period of existence their passionate committee has focused on providing as many events and opportunities as possible to their members across the College to integrate, form networks and gain knowledge to help inspire the next generation of female scientists and engineers. They provide their

members with numerous activities such as the careers focused WISE Inspiration event, monthly socials, stress busting badminton sessions and industrial visits. They offer a broad spectrum of activities where they have the opportunity to network with female role models across academia, industry and business. WISE have worked incredibly hard to raise their profile within the EPS Community, University, as well as externally, and have established good relationships with the Careers Network and industrial contacts. They are helping to widen the

horizons of many and are equipping young women with the skills to be successful engineers and scientists.

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Edgbaston, Birmingham,
B15 2TT, United Kingdom

www.birmingham.ac.uk/eps