

UNIVERSITY OF
BIRMINGHAM



Welcome to the
EPS SOCIETIES'
AWARDS 2014



Welcome to the EPS Societies' Awards 2014



I am delighted to welcome you to the first EPS Societies' Awards where our extraordinary student societies, 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 thirteen student societies and the continued triumphs of their members over the last academic year.

During the year I have had opportunity to meet many of the committee members of the College societies and discuss the impact and role of them. 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 2013/14 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 careers opportunities, industrial visits, guest speakers and, of course, social events.

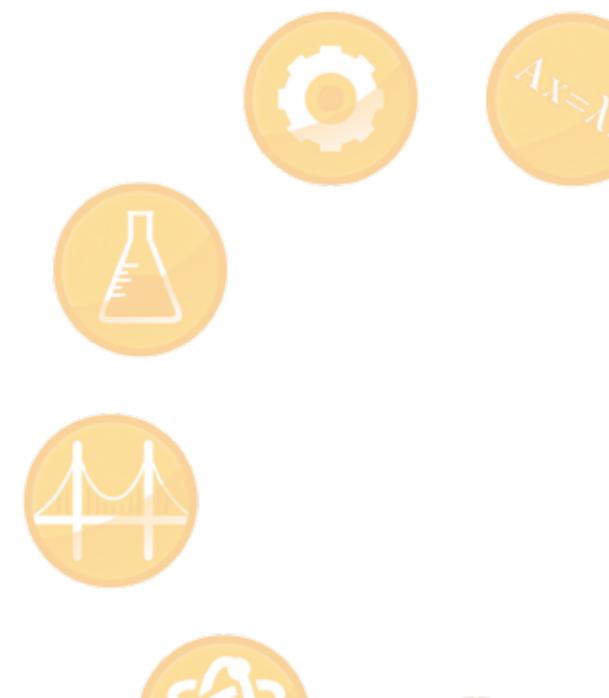
I am delighted to report there have been over 140 nominations received from both students and staff for these inaugural EPS Societies' Awards. I would like to take this opportunity to send my warmest congratulations to all those nominated, and especially those shortlisted for these awards. Within this 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 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 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

One of the oldest societies 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 you 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.



BUCES: Birmingham University Chemical Engineering Society

The Society is extremely active and organises many social, sporting and charity events throughout the year. Sporting pursuits and a good team spirit are plentiful in Chem. Eng. 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 for all students in the School and combines social events with a range of career-related events (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!



EECESoc

Our society brings students together in the department from all years (undergrad and postgrad) on events such as bar crawls, film nights, paintballing, Go Karting etc



Engineers Without Borders: Birmingham

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



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 future development and engineers. We regularly hold staff and student sporting activities and offer industrial talks for students from prospective employers and industrial apprenticeships 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. We also promote local jobs targeted at our members and advertising popular internships and graduate schemes.



NucSoc

NucSoc is a society for students on the Nuclear Engineering, Nuclear Science & Materials and Physics & Technology of Nuclear Reactors courses at the University of Birmingham 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 Met&Mat department, which is attended by several major nuclear and materials employers.



Poynting Physical Society

Poynting Physical Society, known as PPS to its members, is one of the oldest physics student societies at the University, with members including both undergraduate and postgraduate students. 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 of Birmingham.



CivSoc

CivSoc is the society for Civil Engineering students run by Civil Engineering students. As a society we want to help bring together the different years from civil engineering 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

In CSS 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 & console nights and our infamous bar crawls.



ChemSoc

We have a very active Chemistry Society, which is run by our undergraduates and postgraduates but is 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.

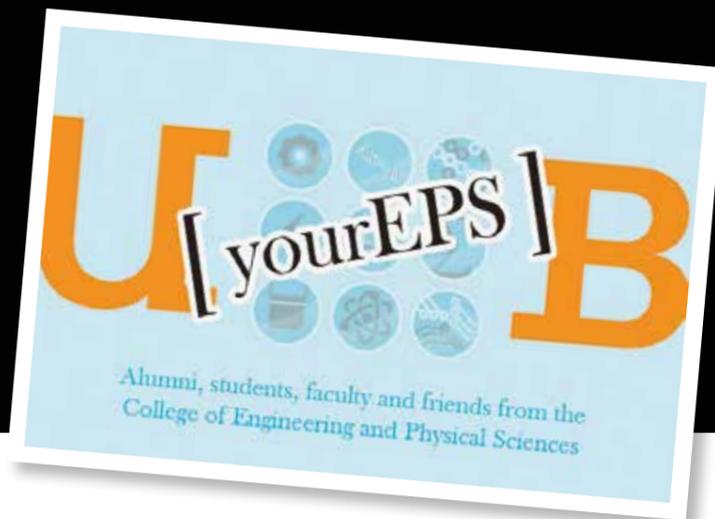


UBRacing

UBRacing is the University of Birmingham'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 to take part. This progression through the team is vital to becoming a well-rounded engineer.



Your network for life: The EPS Community



Part of THE EPS COMMUNITY



Scan here!



It's been great having you on board this year, and we're so excited about all the amazing results you have achieved – all at the same time as your studies!

Whether you're due to graduate this year, step up to chair your society next academic year, or are coming to the end of your first year with us, you all have, and continue to form, a key part of 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, career opportunities, and relationships with staff and the University to continue long after you've donned your cap and gown. That's why we've launched the EPS Community!

By now you'll probably have seen our EPS Community branding on banners and screens around your School advertising the EPS network and the many ways you can join in.

Get involved

By joining the 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 Team. We'd also actively encourage you to use the site as your own forum by posting any news or

information, organising group gatherings with your course mates, or signing up to key EPS events, such as our Inaugural and Distinguished Lectures. 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, offering your time to a student as a mentor, or helping our current students by 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
or join us on LinkedIn:
www.tinyurl.com/epslinkedin



Women Engineers and Scientists: **We need you!**

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

The first ever National Women in Engineering Day (NWED) is being held on Monday 23rd June this year to raise the profile and celebrate the achievements of women in engineering and science.

Organised by the Women's Engineering Society, this inaugural day aims to celebrate women in engineering fields as well as recognising the stark skills gap that is looming in engineering and 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, conversations and events designed to celebrate women in engineering and scientific careers.

Why not join with us to discuss 'Engineering a sustainable future' with leading female engineers and academics. More information about this event is available at:

www.birmingham.ac.uk/sustainable-engineering.

If you would like to volunteer to be part of our National Women in Engineering activities, get involved in the conversation on twitter, or come along to our evening panel event, please get in touch by emailing us at eps-community@contacts.bham.ac.uk



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.



EWB Birmingham: Engineers Without Borders

EWB charity live mic night "Pear Jam" is a brilliant event. It has become a tradition for Engineers Without Borders to organise a charity band night twice a year to raise funds for international development volunteering programmes. The most recent Pear Jam took place on 1st May 2014 and was a fun night with seven live performances, delicious homemade cakes and cookies, pretty hand-made jewellery sales, and a raffle with great prizes. As it took place just before exams, it required a lot of effort and perfect time management from the

committee members in order to make sure publicity, venue, raffle prizes, performances and sound systems were sorted nicely in time, and most importantly - to make sure that this break from revision is worthwhile for everyone attending the event! The committee worked all together, using everyone's strengths, which led to a great turn-out raising around £200 for EWB-UK placement programmes, for which a number of our society members have applied. Now we wait, fingers crossed, for our members to successfully get the places and go do wonderful things

in developing countries by applying their engineering or physical-science-related knowledge, while we can support them not only with skills and knowledge, but financially too!



Emelia Galkowska and the Ball Organising Committee: PPS: Poynting Physical Society

The PPS Ball is highly anticipated every year and this event was true to form in providing a fantastic highlight to the year. It was themed on Fitzgerald's Gatsby, so a 1920s feel; the committee had personally spent the day decorating the venue and making it perfect. They hosted the event and felt responsible for it - indeed they were the perfect hosts! A measure of its success was that the room was absolutely full. With a total of just over 250 attendees including students, staff and a number of alumni, the spring ball was easily PPS' greatest organized

event this year. In past years the School has had to underwrite it to ensure financial viability. Last year they combined with MathSoc to help them out. But this year there was no need for any extra support. The committee were superb in putting it together and it was the best ball PPS have done in years. With a nine-person jazz band providing live entertainment, the ball offered an excellent opportunity to wind down the end of the spring term. This year was also the 130th anniversary of PPS, and a large themed "birthday" cake was provided. The event went

on until 1am, culminating with about 150 people - including a few lecturers - singing Bohemian Rhapsody on stage. One of the highlights of the year for sure - it's certainly going to be a challenge to top it next year!



Kirsten Gooderham and the Ball Organising Committee: MathSoc

The MathSoc Spring Ball was a fantastic event that Kirsten put an enormous amount of work into. They chose to have it at The Jam House in St Paul's Square which turned out to be an amazing place venue. It only seated 80 for dinner so it felt very select, others joined after the three course dinner for dancing to the live jazz band. The atmosphere was wonderful with all years represented as well as a table of staff. The care and attention to detail were evident everywhere from transport arrangements to the laminating and numbering of the tickets!



UBRacing

The UBR17 car was launched with great fanfare in March 2014. This was the first time the team had launched the car this early. The launch was a great success with approximately 100 people turning up for the event including sponsors and families. Many people had a drive in the team's simulator. The James Watt Undergraduate Society and the A'capella vocal group were also involved to provide the best entertainment for the guests, with a live performance, and a diverse and rich buffet. Taking care of so many different aspects, from the

team's image to the media coverage obviously requires dedication and passion. Head of Media Pippi Hornsby definitely deserves recognition for all the hard work and effort she puts in, be it organising the event, designing posters or making sure the team comes out as professional and smart as possible. This year's car launch was a brilliant example of a successful event: though not being blessed by the weather, the presentation of the car was a triumph.



Outreach Award



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



AstroSoc

Astronomy outreach events play a central role in inspiring the next generation of scientists, leveraging the well-known fact that interest in astronomy is often a gateway to wider scientific interests and careers. The University of Birmingham Astronomical Society (AstroSoc) are nominated to recognise their sustained commitment to outreach over many years, and the invaluable role that they have played in establishing the new "Astronomy in the City" programme in the 2013-14 academic year. AstroSoc have an enviable and thoroughly deserved

reputation for their outreach programme. They are well-known in the local community for a series of events that they have produced over numerous years, including hosting several thousand people in Chancellor's Court for a Stargazing Live event in January 2013. In addition to AstroSoc's unerring commitment to outreach over the years, this nomination recognises their outstanding contribution to the launch of a new programme in the School of Physics and Astronomy, namely "Astronomy in the City". These events are based around the

University Observatory's new telescope at Wast Hills, and share their passion for the night sky and the universe with a family audience. They provided the public with a number of activities including lectures, an "ask the expert" session and access to the new research telescope. AstroSoc joined the Astrophysics Research Group to design and plan Astronomy in the City from scratch, and delivered a top quality experience for the public each night. Feedback from guests confirms they were hugely impressed by our students' flair, dedication and professionalism.



Callum Bellhouse: Outreach Officer, AstroSoc

Callum has been a cornerstone of the astronomical society for the past three years. Throughout this time he has insisted on the importance of outreach. After his lead role last year with the society he has this year taken on the role of Outreach Officer. Within this role he has organised a number of events with local schools to take astronomy to young children. Each of these generated an overwhelmingly positive response, with many of the schools requesting the society to return. As well as this he organised an outreach event held at the new Library of Birmingham which attracted a crowd of over

1,000 visitors. Most recently he has also taken on a voluntary role at the ThinkTank Planetarium confirming his enthusiasm for engaging the public with astronomy and furthering his career as a hopeful science communicator of the future. He has fantastic presence as a speaker. He is authoritative and clear and above all informative. He takes open questions from the floor from complete beginners to astronomy to the semi-professional enthusiast. He knows his stuff, but is also exceptional at communicating it. He would be an outstanding winner of this category.



Emma Russell: Outreach Co-ordinator, EWB Birmingham: Engineers Without Borders

Emma is the greatest Outreach Ambassador EWB has known. In 2013-14 Emma started the Outreach programme in EWB from scratch making contacts with schools, arranging workshops for children and gathering volunteers mostly by herself. With the help of the STEM Network and EWB-UK outreach suggesting workshop ideas, Emma has already created a solid base of a number of volunteers doing a couple of different workshops at schools around Birmingham. Because of Emma's efforts and dedication new and returning

members could simply join in, get trained and go to schools with more and more different engaging and informative workshops, with Emma leading and participating in every single one. Teachers were pleased with workshop choices too as they not only taught the mechanics of engineering processes and modern technologies, but also gave children a basic understanding of international development, energy poverty and appropriate technology. After two years of volunteering as outreach coordinator Emma gave her place up for new coordinators during AGM on

17th February 2014. However, not only has she continued to be the most active outreach ambassador, she also ensured the sustainability of outreach programmes by passing on her knowledge and contacts to the new coordinators. All in all, Emma has done and keeps on doing a brilliant job reaching out to young members of public spreading word about engineering and physical sciences. Although she's handed over her duties to two equally keen outreach coordinators, EWB wouldn't be where we are now without her. Thanks Emma!



Joanna Maguire: President, CivSoc

Joanna has taken part with enthusiasm in our outreach programme, visiting schools, contributing to Applicant Visit Days and many other events. She's been able to enthuse visitors and participators with her experiences with Engineers Without Borders and from having worked in the civil engineering industry before coming to university, showing them the variety of opportunities which are offered by civil engineering study. Jo is nominated to reward her energy and commitment to encouraging the next cohorts of civil engineers!



UBRacing

UBRacing actively encourages integration between multiple years and hands-on experience while having fun and is an outstanding representative of the School of Mechanical Engineering and the University. The team plays an important role in inspiring young people to pursue science and engineering. UBRacing is in fact a STEM Ambassador providing support and advice in classrooms, and delivering practical demonstrations and experiments. This year the team worked with a group of students from Landau Forte Academy Tamworth Sixth Form as

part of the Engineering Development Trust. They designed and made a variable resistance system for use with our rolling road. The team also took part in the Big Bang Fair at the NEC in March, running our simulator for the joy and wonder of everyone around. If it's true "you only get what you give", as the New Radicals used to sing, then UBRacing can expect to get some of those very young students back one day as new recruits.



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 Lockett: Incoming Director of Volunteering, MathSoc

Dan has been a very enthusiastic member not just of MathSoc but of the whole School of Mathematics. He has taken a leading role in the team of ambassadors, coordinating the talk schedule for the year. He also applied for and was awarded, money for students to go on the Maths trip to Coniston from the student experience fund. He led the mountain walks on the trip taking responsibility for health and safety, planning and leading the way on the routes. He made the decision to abort the walk up the Old Man of Coniston due to adverse weather and he dealt

with his peers with wisdom and tact. Dan also volunteers as a mentor in a school, he brought 6 year 12s to see the University trying to enthuse them with the idea of HE. He is always the first to volunteer!



James Powis: Vice-President, EWB Birmingham: Engineers Without Borders

James officially joined the Engineers Without Borders Birmingham committee only recently, though everyone would say that he has been on it for a good two years now. Ever since James joined EWB in his first year of University he has always been the keenest member: he is always interested in the activities the society has organised. His attendance to the weekly and termly events was better than some of the actual committee members, and he was the first to show interest in helping out with publicity of any upcoming event, or go raffle prize

hunting for the bi-annual charity band night. During the AGM in 2013 James, to everyone's surprise, did not run for a role. The reason was, as was later found out, him not being confident enough he would do a brilliant job. Naturally, being so proactive on top of being a regular member he became a "shadow" committee member - without carrying an official role James would still attend all committee meetings, take part in discussions and decision making, help out with every single event and carry an equal share the load of leading the society.

Even though in AGM 2014 James was elected as Vice President, he deserves much more credit, because he is a crucial part of the society.



James Girling: Charity Rep, BUCES: Birmingham University Chemical Engineering Society

James has been a dedicated committee member for two years and has always been passionate in his efforts to help BUCES succeed, often taking on other tasks to help fellow committee members with their roles. This year he has been charity representative and has helped BUCES raise an impressive £2,200 for Acorns Children's Hospice, more than has ever been raised through BUCES before! He began his hard work over the summer entering over 20 students, including himself into the Birmingham half marathon. Throughout the year

he is never to be seen without his charity bucket and through raffles, a sports day, a fantasy football league and other socials he has exceeded all expectations. James is on a year in industry next year and will be greatly missed in the department and BUCES would like to thank him for his continuous hard work and eager attitude.



Molly Dalton: CivSoc

Molly takes part in just about everything! From student ambassador days on behalf of the University, to Civil Engineering's own Applicant Visit Days, you can almost guarantee that Molly will be first in the queue for volunteering her time. She does this both on campus and out in the community: she was the lead participant at the ThinkTank in March and encouraged her classmates to join her in helping show science and engineering off to school children; she also took part in the Big Bang Fair in the same month, helping Water Aid promote

its work (and entusing visitors to go to the Institution of Civil Engineering stand too!). She manages to do all this whilst studying a challenging course and meeting every deadline set. We're delighted to nominate Molly and wish there were more of her!



EPS Community Award

This award recognises the distinguished contributions of individual student members or entire societies to the EPS Community.



Bella Dunovska: International Student Representative, CSS: Computer Science Society

In addition to being an outstanding student in Computer Science, Bella has been an outstanding contributor to School culture through her actions as International Student Representative for CSS. In this role she has organised events which have welcomed all students and ensured a cohesive community where both home and international students feel welcome. In addition, she has done excellent work as a PASS (Peer Assisted Study Sessions) leader - providing study support for first year computer science students and also is one of our student

ambassadors for applicant visit days. In summary - Bella is academically one of our best students but she has also contributed immensely to our culture as a vibrant and inclusive school.



Dwayne Spiteri: PPS: Poynting Physical Society

Dwayne has been a committee member of multiple student societies over the last year - Tabletop Gaming, Chess and RA for Pritchatts Park - and has officially logged over 600 hours working with these societies. Dwayne has also volunteered for the School of Physics and Astronomy working for the admissions department and getting involved in applicant visit days, open days, summer schools and more. Dwayne is also the Guild Council Rep for Physics and Astronomy, putting even more of his own personal time in working to help

improve the education of his peers. Dwayne is a positive example to the rest of the School, and someone who needs recognizing for his work.



Caroline Taylor: BUMS: Birmingham University Materials Society

Whilst not being on the BUMS committee Caroline has been extremely enthusiastic in all our events, regularly attending and also encouraging others to join in. As well as being an active BUMS member Caroline is also the Chair of another society and helps out on Applicant Visit Days within the School. Caroline was also involved with organising a buddy system for direct entry students from China into the department. This greatly benefited those students and helped to build relationships between them and current students

within the School. After only two years she is known to many in Metallurgy and Materials and she always has a smile on her face!



UBRacing

The UBRacing team has been going for 17 years now and is a very valuable project relating to student recruitment, outreach, year in industry placements, full time job recruiting and continuous alumni involvement. The most impressive function of this team is its ability to self-mentor through the 4 years, when fresher's arrive they are given a mentor on the team and this is an extremely valuable experience for new students, they are taught to draw in the evenings and when they graduate are considered to be 2 years ahead of their peers.

40 students from the team are now on Formula 1 teams and all regularly feed back into the project with expertise, materials and money. This year we are hosting a team from China for the first time and helping the College create ever increasing ties with this amazing country. This year the team is over 100 strong with students from Mechanical Engineering, Electrical Engineering, Physics, Metallurgy and Materials and Computer Science, making this very much a multi-disciplinary EPS project. The team continue to Community Day, open days and this

year attended the Big Bang Fair at the NEC with over 1,500 school children having a go in our simulator. We take the car to schools, colleges and industrial partners, and have even taken the car to the Houses of Parliament promoting young people in engineering. The team has created our own unique community which continues long after our members graduate.





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.



Alexander Hall: Industrial Liaison Officer, CivSoc

CivSoc is admired by many for its connections with industry - companies attending events, members going on site visits and the career opportunities advertised through the society. Alexander has dedicated his time and effort to organise all these brilliant opportunities for our members. He is the main initiator of contacting these companies and organising activities, searching for industry-related information and passing on summaries and key points to members. Cooperating with the brilliant Dr Jenny Illingsworth

(Industrial Liaison Manager in the School of Civil Engineering) Alex can go one step further in providing our civil engineers with these links by bringing industry straight to the University during the Beale Lecture Series, where representatives from companies give talks on different aspects of graduate civil engineering life, and RESPECT scholarships which help most of civil engineers be confident about graduate jobs by their second year. Alexander, Jenny, and CivSoc are the best

combination possible for civil engineers to have a taste of industry while still at University.



BUCES: Birmingham University Chemical Engineering Society

BUCES are nominated for their faultless arrangement of this year's Industrial Dinner. This annual dinner attracts participation from industry both in terms of sponsorship and also, perhaps more importantly, in terms of delegates attending from a wide range of industries (such as food, pharmaceutical, petrochemical). The event is well attended purely because of BUCES expert organisation and guarantees an enjoyable evening of food, entertainment and engagement with top quality students. It was fantastic to see the students dressed in their

finery interacting with the industrial representatives in a mature and professional manner throughout the evening - long may it continue.



James Barlow: Industrial Representative, BUCES: Birmingham University Chemical Engineering Society

As this year's Industrial Representative, James has raised over £8,000 in sponsorship, much more than any other year. This funding has helped to subsidise many events, without which many would not have been possible. He also organised one of our biggest and most impressive events to date: the Industrial Dinner, a chance for students to network with engineering companies. A lot of companies came to the School that day to conduct interviews and this event gave an extra opportunity for people to make a lasting impression. James also

organises and meets companies on a weekly basis, welcoming them into the School and organising career presentations and application discussions. In particular he has secured a great relationship with both BP and Exxon and we have heard nothing but praise from their industrial representatives. James also oversaw the organisation of a sponsored 'BP Sports Day' which facilitated a further £100 to be raised for Acorns Children's Hospice. He gained sponsorship for Frank Morton, which is becoming harder to achieve each year, and yet the society

received more than ever, reducing the ticket price of each of the 150 members who went to Glasgow by approximately £10. All in all James has ensured far greater levels of industrial activity within the School, allowing more students than ever to secure placements or graduate jobs. He has been a great asset to the committee and will be greatly missed next year.



Joanna Maguire: President, CivSoc

Throughout the year Jo and CivSoc have been participants of many events such as the IstructE Challenge and Beale Lectures. Also CivSoc and Jo were responsible for hosting one of the talks on the new library development. She has been involved in hosting talks at this and other universities about Engineers Without Borders and helping students who wish to apply for placements or who are interested in international development.



UBRacing

UBRacing this year has over 100 active members. The team, with assistance from the University, is funded predominantly by sponsorship. UBRacing contacts and engages with industrial links on a daily basis with companies such as BP, Mazak and Aston Martin. As part of the 2013/14 season UBRacing has secured sponsorship from Caterpillar which has now become one of our largest contributors. This is forging ties between the team, students and University, and is providing experience and exciting opportunities

for everyone evolved. The team works with our sponsor companies and gains experience in business, design, manufacture and materials.

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 the society is engaging and exciting, and ensured that members are happy and involved with activities provided.



Agota Mockuté: President, EWB Birmingham: Engineers Without Borders

Agota works tirelessly for the EWB committee; she is a fantastic President, always warm and full of enthusiasm. She is an inspiration to many female engineers and has led EWB Birmingham division so well. She's arranged the majority of weekly meetings, encouraged her class-mates to come along and uses whatever means she can to tell them about the variety of events which she helps plan: the Civil Engineering Facebook page is awash with her posts, and each of them is for a different activity or event! Not only are there social and EWB-specific

activities, she's also arranged fundraising events and promoted EWB placement schemes. She's managed all this whilst taking a challenging course and making sure she continues to do well in her studies. The end of 2013 was a difficult year for EWB, attendance had dipped and the two core committee members who had run the society for many years were graduating. Not only did Agota take on the role of President in her stride, but she grew the society and we're now moving from strength to strength. Attendance has greatly

improved over the last year as well as volunteer input. Agota was also a key part in helping EWB start its Cameroon Catalyst Project and was jointly responsible for EWB Birmingham getting awarded the annual EWB-UK conference. Not only was she brilliant last year as a leader, she now helps run and organise the committee as Secretary – we couldn't ask for anyone more helpful!



Andrew Glencross: Team Principal & Project Manager, UBRacing

Andy has put in a tremendous amount of time and effort into making sure the team is always on track; be it the sleepless nights spent in the labs before events such as the UBR launch making sure it will all run smoothly, coming back in from labs in the early hours of the morning throughout the year having fixed some problem or made some improvement to the car, meetings all over the country generating interest and support for the society, or just driving back and forth from Surrey almost every weekend having made another part for it.

Throughout his term as Principle, Andy has gone above and beyond for the team: not only has he worked hard to integrate new freshers, organised and planned the whole car build schedule, he's also spent numerous weekends and holidays driving around to suppliers, making car parts, talking through sponsorship deals with potential new sponsors and being an all-round team player. Heading up a team of 100 is a tall order: great work! He really has gone well above and beyond the call of duty expected of any society member: no idea how he fits in his degree!



Caitlin Smith:
Chair, ChemSoc

Caitlin has done a fantastic job organising social events including bowling, pub golf and the Chemistry end of year ball. She has also arranged charity events for the Anthony Nolan Trust including cake sale, quizzes and encouraging the students to register as a bone marrow. This is in spite of dealing with an invisible disability causing daily pain and fatigue which has a large impact on her life. This is also on top of being a final year MSci student. She has done a brilliant job and she deserves recognition for it!



Katie Aiston: President, BUCES:
Birmingham University Chemical Engineering Society

Having been on BUCES' committee for 3 years now we have never seen a President so well organised, enthusiastic and passionate about their work. Under her leadership the committee this year has excelled, expanded and to top it off has just won a bid to host the Frank Morton Chemical Engineering Sports Day at the University of Birmingham next year. A fantastic chair and an even better person: we could not be more proud of Katie. It has been a privilege to be part of the committee with Katie at the helm.



Daisy Partlow: Chair, JUGS: James Watt Undergraduate Society

Prior to the summer of 2013, The James Watt Undergraduate Society had devolved into a society in name only with little cohesive activity. This was tragic as during the late 90's and early 2000's the society was one of the most active on campus with events including the legendary boat club. Daisy became Chair of the Society during the middle of 2013 and has provided excellent leadership and organisation to bring the society back to the cutting edge of University activities. This included increasing membership, organising activities including

freshers events and updates to the Facebook pages. Interaction between societies has also been improved with JUGS involvement at the UBR launch event. Daisy has a proactive approach and is immensely enthusiastic. Daisy will stepdown as Chair at the end of this academic year, leaving JUGS in fantastic shape ready for the next committee. P.S. She is so busy with JUGS, work and other activities that a certain member of staff is still waiting for his society t-shirt!



Dan Symes: PhD Rep, BUCES: Birmingham University Chemical Engineering Society

Dan has been an inspirational committee member both through his exemplary enthusiasm and participation in events (despite his age) as well as his encouragement of other students, particularly postgraduate's, to join in with activities. Examples of his valour include being part of a forward party to Frank Morton in Glasgow where he and fellow PhD students partied harder the night before than the undergraduates managed at the event. On a more serious note, Dan has ensured participation and representation of postgraduate

students as the PhD Rep on the committee for as long as can be remembered and will be a great loss to the society as he departs for fields anew having completed his PhD this year. Needless to say Dan has inspired many to engage much more in the society and it would be fitting to see him recognised at this prestigious awards ceremony.



Role Model of the Year

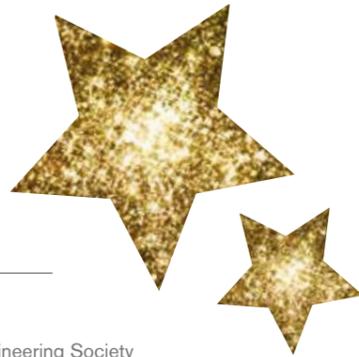


This award recognises those who exemplify the best within themselves and others, and are recognised as a role model for their positive attitude and achievements.



David Streater: President, EWB Birmingham: Engineers Without Borders

For working endlessly toward making his society pull all the tricks out of the bag! David has provided his society with direction, leadership and understanding of something greater than just a bunch of engineers getting together. Through TED talks, charity gigs, practical engagement with students and making every member think of something better. David can hand over the committee this year knowing that his successor has a big seat to fill and a strong reputation to live up to.



Fiona Evans: Treasurer, BUCES: Birmingham University Chemical Engineering Society

Fiona has been on the committee these last two years and has been a reliable, hardworking and dedicated member. Her positive and selfless attitude has been invaluable to BUCES and the committee in particular as she helps to drive us all to achieve more. She is always keen to get every student involved and her friendly, welcoming approach has been a great asset to the society. She is someone who I feel has worked tirelessly and with little praise, and she deserves more! It has been a challenging role that has kept her busy for the year

and she has been our right hand man throughout the year. A massive thank you Fiona and the best of luck in the future.



Helen Watson: EECESoc

Helen really has been a prominent part of the society this year. She has been involved in every event and has really taken a lot of time and effort to motivate her fellow students to attend. Although not part of the committee she has offered a lot of feedback and event suggestions as well as regularly helping with promotion of activities. She has been incredibly involved and enthusiastic! Helen has now taken on the role of Chair for the next academic year and has already started to plan new events. She has also been involved with other EPS

projects such as the WISE film and is not only a role model of a society member but also for women in engineering.



James Hatherell: Technical Director & Team Leader, UBRacing

James' dedication to the team is undeniable – he gives up all his spare time at all hours to enable the car to be designed and built. He's in the lab before lectures start, between classes, and until late at night. His work ethic is one to be admired and looked up to; the car wouldn't be there without him. If it is said that an individual can 'turn water to wine' then it usually means that they have a habit of delivering a miracle when one is most needed. Judging by the amount of miracles he manages to pull out of his hat James could be described as a

borderline alcoholic! Even in the most testing and stressful of circumstances James always seems to have a plan and be able to motivate people to work to the best of their ability, even if they have been doing that for 10 hours prior as well. All in all James is a very good individual who deserves some recognition for the hard effort and vast quantity of work he has put in throughout the year. Simply put: he is the smartest yet most modest person we have ever met.



Philippa Hornsby: Head of Media, UBRacing

Philippa is a fantastic role model. In her final year on the UBR team, she has her job nailed down to the letter. All things media are run with the highest efficiency, and things get done without the rest of the team realising those things need to be done. She's got the balance between time spent in UBR and on her degree spot on. There's never been a time where she's been scrambling for deadlines and she's always had things perfectly organised, being around for UBR's key moments and carrying out her role where required without

it having any impact on her degree. The role of Head of Media was one that she saw as necessary 2 years ago and created herself for UBR's development as a team and not-for-profit business. This initiative has proved highly successful and next year when she's gone we'll fully realise just how efficient she is and how much she does for the team without even breaking a sweat.

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.



Andrew Jones: Head of Powertrain, UBRacing

Andy has worked relentlessly on getting our engine in top racing condition for this year's car, squeezing every tiny bit of horsepower out of the Yamaha R6 motorbike engine. The long hours he has spent in the dyno room mapping the engine are very much underestimated. The key new design change this year is our brand new exhaust designed with help from Matthew Fox and Kester Sleeman. Andy has squeezed several years of work into just one and is a driving force behind the speed of this year's car.



Phoebe Facer: President, MathSoc

The new "Family Scheme" run by MathSoc for first years has been a great success! The scheme involved every 1st year student (or "child") being allocated a "Mum" and "Dad" who were students from 2nd year or upwards. These "families" were the foundation for getting 1st years to know each other, with many students highlighting that they wouldn't have known the people they are friends with now if it wasn't for the family scheme. It also acted as a platform for socials with the families meeting up before heading to events, and as a way to get support from the older

students in the department. The scheme has received compliments from prospective students' parents during AVD's, where some parents said they had never heard of anything like it and think that it's a wonderful idea. The success this year has led to many "children" being interested in becoming "parents" for next year's scheme as well as current parents continuing in their roles. We hope that it will be an even bigger and better success next year!



Joanna Maguire: President, CivSoc

This nomination is for Jo's involvement and organisation of the WISE film. The project showcases women in engineering and examines the development of this over the years. I feel this project has such a positive message and is very far reaching and overall will have a fantastic long term impact.



UBRacing

The UBR simulator was originally designed as an activity for Open Days at the University and has grown into so much more. The team took an old car which was often used for static displays and turned it into a dynamic exhibit which has been featured all over campus and outside of the University. It's proven to be a great success! During open days last year, nearly 500 people over 5 days tried to beat the fastest lap time round Silverstone. The simulator was upgraded during the winter due to wear and tear and has since featured at national events such as

the Big Bang Fair at the NEC and the Engineering Education Scheme Celebration Day. The simulator has also been designed to be flexible for outreach activities and events. Plans have been made for future upgrades including force feedback and further drive interaction.



Circles of Influence Endeavour Award



This award recognises outstanding contributions 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.



Andrew Glencross: Team Principal & Project Manager, UBRacing

The role of Team Principal covers every single part of the Formula Student project. From project management of the design team, business, liaising with competition organisers and developing sponsorship links not only for this current academic year but for future teams, the role of Team Principal is a highly stressful job for anyone, especially when studies have to be kept to a strong standard as well. Andy has performed admirably in this role for the last year. He has been a strong role model to new team members, especially freshers,

by being approachable, knowledgeable and most importantly professional in his leadership. The increased level of sponsorship the team has received this year has been very much down to Andy's efforts and attitude which have undoubtedly been noted by future core team members who will themselves have to deal with similar challenges. Andy has set a fantastic example of how to lead a team. All while he has also been involved in the UBSport Motor Racing Club and developed links between UBRacing and UBMRC that will no doubt

improve both groups in years to come. If any future Team Principal wants to see how to run UBRacing they should simply look at what Andy has achieved and how he has achieved it. All with great enthusiasm and fun which after all is what this project should be about. Well done to Andy and the whole team: top bloke, top Team Principal.



Joanna Maguire: President, CivSoc

Jo is nominated for her endless dedication to CivSoc and the School of Civil Engineering, boosting the name and encouraging young female engineers, and her involvement in international development through volunteering overseas. Firstly, Jo is Chair of CivSoc: she has been successfully leading the society by organising the committee and bringing out the best of them, coming up with ideas for creative new events that would not only benefit the members, but also a wider society. Secondly, Joanna is an undergraduate ambassador for

the School of Civil Engineering, therefore works during Open and Applicant Visit Days chatting with prospective students and encouraging them to choose engineering. In addition, she has led two short filming projects: "A Day in Life of a Civil Engineering Student" for the School and National Women in Engineering Day for the wider College. Furthermore, Jo has dedicated a massive amount of her time attending, organising and publicising events for female engineers or going to schools and chatting with girls about considering

a career in engineering. Last but not the least, Joanna has spent her summer in Cameroon volunteering through an Engineers Without Borders placement, applying her engineering skills by helping local Cameroonians with their irrigation system and health and sanitation problems. All in all, Joanna is a capable young professional, and inspires many to always keep on improving.



Katherine Austen: Vice-Chair, EECEsoc

Kat is a student ambassador for both the School of EECE and also for University open days. She actively takes part in all EECE events both from the society and from the year reps along with any College activities that occur. Last year she was the Social Secretary for the EECEsoc committee and has been working very hard to expand the diversity of events offered and encourage wider involvement from EECE students, partially by liaising with the year reps and working in partnership with the School. Through this they have run

nights including the FIFA tournament, bowling tournaments and Rolla-disco as an alternative to the normal "night out/pub" events. Kat is also a very active member of the College of Engineering and Physical Sciences community. Not only is she instrumental in EECEsoc, she attended the first event in the EPS Distinguished Lecture Series, was part of its roundtable discussion and represented EECE students at the formal dinner afterwards. For the EPS promotion day #MyEPsDay she joined twitter specifically to take part

and continued to engage with #UOBHappy the following day. Kat works tirelessly to involve as many EECE students as possible in EECEsoc, School and College activities and is a real asset to all three.



Daisy Partlow: President, JUGS: James Watt Undergraduate Society

Daisy consistently involves herself with every opportunity she is faced with. As part of her role as President of JUGS she has been a student ambassador for the School and is involved in meeting prospective students and answering any questions they may have about student life. Daisy has also been involved with organisation and execution of many events across the College. Next year she will be actively promoting the role of women in engineering according to the Athena Swan guidelines. Most importantly she has been

involved in communicating with major companies to create opportunities for students to meet industrial contacts. Outside of Mechanical Engineering, last year she was captain of the 4th University Netball Team taking them to winning their league. Daisy is a well-known face in the School and across the Uni and consistently is around to help anyone who needs it.



Katie Aiston: President, BUCES: Birmingham University Chemical Engineering Society

It is hard to sum up how much Katie has done for BUCES. Every event has been enthusiastically driven into the agenda of every Chemical Engineering student through her energy and passion to make BUCES the successful society it is. It is unlikely there is a student in the whole department who hasn't experienced a conversation with Katie about their likelihood of attending the next event. Since Katie joined the committee in her first year she ensured that everyone in our year turned up to BUCES events. The effect this had was huge: everybody knew

everybody, and a happy feeling radiated from each person in our year. Regina Santos, our head of year, commented that she thought we were the happiest group of students she'd had the pleasure of lecturing. This proceeded to unprecedented success in group coursework and exams at the end of the year. In addition Katie has really ensured that everyone has been able to get involved with the committee, especially international students which had previously been largely overlooked. Finally she has also drastically increased levels of

student-staff interaction with a whole range of events such as football matches and nights out with the lecturers. Katie has been an incredible President, under her leadership we have not only grown in size and stature, but have also been awarded the Frank Morton sports day 2015 – an event with a budget of £70,000! Katie has made the student population of Chemical Engineering enjoy their experience and time at University. Currently, there is no award for that.



Most Improved Society 2013/14



This award celebrates the outstanding improvements made by societies over the course of the 2013/14 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.



BUMS: Birmingham University Materials Society

BUMS' current committee have made a huge improvement to what was a society that lacked passion, originality and commitment from its members. Over the past year a wide range of events have been introduced including three introductory events for first years in the first week of term, CV workshops and, by far our most successful event, an industrial visit to Jaguar Land Rover. As a society we observed that students wanted BUMS to be engaged with careers-related events, something which had never been attempted by the society before. In addition BUMS

has also been involved in bringing back the Materials Ball for students and staff alike; an event of which has not been held for many years. Another key milestone was the introduction of official committee elections, in previous years students have had little say in democratically electing their committee and we saw this as a real flaw within the society and acted upon it. Whilst the society still has some way to go to becoming an integral part of every Metallurgy and Materials student's life, we feel that we have made significant changes this

year which will hopefully positively impact upon the society for years to come.



EECESoc

EECESoc deserves to win Most Improved Society because over the past year we have really developed the society into a strong community with more members and better events. Over the past year we have diversified our events to be more inclusive and offer opportunities to a wider range of students, creating events that are more popular than ever! EECESoc started working with our members more to put on events that they really wanted to go to and took ideas from them to make these activities different and more fun for everyone.

This year has also increased the number of members joining from across the year groups and also postgraduate students, creating a more diverse society that builds links across the School. We are helping to support all students and make EECE a much friendlier place.



EWB Birmingham: Engineers Without Borders

Engineers Without Borders Birmingham has increased membership, increased outreach activities, increased links with industry and built a brand new international development project. This academic year started off on the right foot for EWB with great success during Freshers' Fair recruiting new faces and hitting a record of over 70 members. Likewise we saw an increase in outreach ambassadors and activities, now conducting regular workshops both at the University and in schools around Birmingham.

We have stepped up in regards to industry too - we were the main organiser of the regional EWB student branches meeting that included a professional network at Arup offices in Solihull. This was incredibly helpful in creating bonds with young graduates and came in extremely handy when help and advice was needed with larger projects. Finally, this year we have successfully started a pilot run of a continuous international development project "Cameroon Catalyst". The project has been running with

great success in Southampton for six years, and brings engineering and science students of all disciplines to work together on a project to help develop a village in Cameroon, designing and fundraising until the village is self-sufficient. This year we have been designing a rainwater harvesting and cleaning system.



JUGS: James Watt Undergraduate Society

JUGS was in a poor state until recently: membership was dwindling and activities were limited. The current committee under the leadership of Daisy Partlow have brought the society back to being one of the best on campus. This year the JUGS' enthusiasm was evident from before the start of the first term. They prepared their JUGS literature for despatch to the new students pre-arrival and started to informally engage with the new students as soon as they set foot in the School during Welcome Week. They challenged teams of new

students to "mission impossible", putting up free memberships as a prize, and made a real effort to have more widely inclusive events throughout the autumn and spring terms. They got JUGS football off the ground and, for the first time in years, there were staff-student football matches in Mechanical Engineering, along with inter-mural basketball games. As a consequence of the effort put in by the society leaders, JUGS is in a good position to provide more events and social interaction for future students.

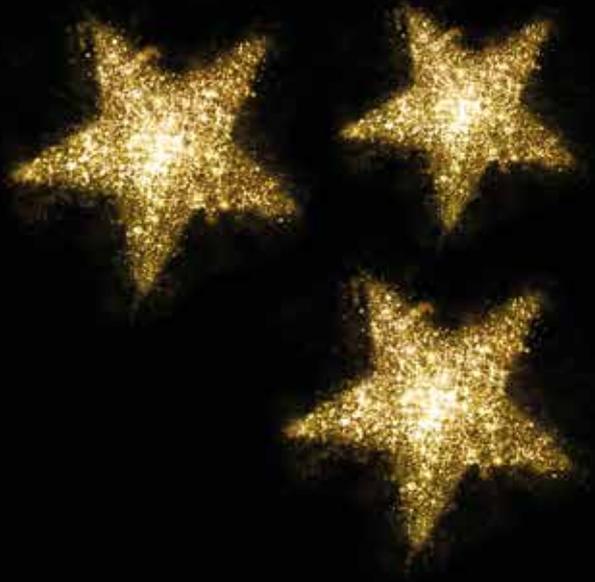


MathSoc

For the last two (or more) years it is unfortunate that MathSoc virtually did not exist. This year's MathSoc have been phenomenal. MathSoc has been transformed by a highly motivated, proactive and organised committee under the tireless and devoted leadership of Phoebe Facer. During Welcome Week the society organised a Where's Wally treasure hunt and a "Big Brother and Big Sister" buddy system was set up. To add to this, a family scheme was introduced to provide help and support to 1st years, as well as form a basis for socials, with compliments

about the scheme coming from 1st years and even prospective students' parents! Subsequently MathSoc organized pub crawls, quizzes and numerous other social events. They also organised a very successful careers and networking event, with a number of alumni invited back as well as graduate employers, and have made links with the Institute of Mathematics and its Applications (IMA). Alongside these events, the committee introduced the MathSoc Spring Ball at the Jam House, a highly successful event where everyone thoroughly enjoyed

themselves. MathSoc has forged good relationships with staff and students and enhanced the feeling of belonging that is so integral now to the School of Mathematics: MathSoc has been firmly re-established in the heart of the mathematics community at the University of Birmingham. They truly are an asset to the School and the strength of this committee is reflected in the new committee for next year, with even more promise for 2014/15!



**College of Engineering
and Physical Sciences**

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