

UNIVERSITY OF
BIRMINGHAM

School of Civil Engineering Community

Part of
THE EPS COMMUNITY



Summer 2015

Dear First Name

This year's graduation ceremony was, as ever, a joyous occasion and it was my great privilege seeing our graduands one by one as they proudly stepped up to shake hands with the Pro-Vice-Chancellor in celebration of their achievements. It is a wonderful time of year on campus as we recognise our students' hard work and see them make the transition to alumni.

As you will see from this newsletter it has been a busy time in the School and across the College: we have been [awarded an ICE Project Award](#), have [strengthened our rail links with China](#) and are researching ways to [improve water quality analysis](#) and to make [structures and buildings more robust](#). In June we held our sixth [Clark Lecture](#), welcomed back alumni at our [reunion](#) and also had our second [EPS Societies' Awards](#), celebrating the fantastic achievements of our student body, with CivSoc's Joel Evans and WISE both proving victorious.

And so as the 2014/15 academic year draws to a close, I would like to wish you all an enjoyable summer and look forward to updating you with the latest news from the School and our new students in the Autumn Term.

With best wishes,

Professor Mark Sterling
Head of School
Civil Engineering

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News from the School of Civil Engineering

Professor Andy Schofield appointed as new Head of College



The University is delighted to announce that Professor Andy Schofield is to become Pro-Vice-Chancellor and Head of the College of Engineering and Physical Sciences, succeeding Professor Richard Williams, who has been appointed Vice-Chancellor at Heriot-Watt University. Professor Schofield will take up his new role in August. [Read more.](#)

Congratulations class of 2015!



Congratulations to all of our new Civil Engineering graduates who received their degree certifications last month. [Read more.](#)

EPS Reunion 2015 Highlights



Over 140 alumni and guests from 1944 to 2014 attended this year's annual reunion on Saturday 20 June 2015. Guests travelled from as far as Brazil and Jordan to join us and enjoyed a unique opportunity to reminisce with their classmates, revive old friendships and catch-up on all that may have changed in their School. [Read more.](#)

EPS Societies' Awards 2015



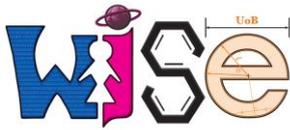
On Tuesday 9 June the College celebrated the achievements of our 17 student societies with the second annual EPS Societies' Awards. From public astronomy events with AstroSoc to designing Formula Student cars with UBRacing, the societies do astonishing work not just in academia but also to promote careers opportunities, industrial visits and, of course, social events. A great night was had by all and over £1,000 was raised for research into childhood brain cancer conducted in the University's School of Cancer Sciences. [Read more.](#)

CivSoc Update



It's been a busy 12 months for CivSoc. The committee look back on what's happened and their plans for the next year. [Read more.](#)

Women in Science and Engineering Society



It's been a busy year for WISE, who were recently recognised at the EPS Societies' Awards! The committee tell us what they've been up to and their plans for next year. [Read more.](#)

WISE were also recently invited to celebrate National Women in Engineering Day (NWED) with British Gas Business. Read more about the event [here.](#)

Jessica Marsh awarded ICE 2015 Emerging Engineer Award



Alumna Jessica Marsh was recently awarded the 2015 Emerging Engineer Award at the Institution of Civil Engineers West Midlands Awards Dinner in recognition to her overall contribution to the industry. [Read more.](#)

Birmingham win Institution of Civil Engineers Project Award



The School of Civil Engineering received a Project Award from the Institution of Civil Engineers (ICE) last month for an outstanding example of a civil engineering engagement project. The winners were announced at a prestigious Awards Dinner at the Birmingham ICC on Thursday 21 May 2015. The University and partners, Interserve, a UK based multinational support service and construction company, were awarded joint first in the Education category for a collaborative

project titled 'Bridging the gap' an interactive activity to inspire school children and develop knowledge and understanding of simple civil engineering concepts. [Read more.](#)

Clark Lecture 2015



Now in its sixth year, the School of Civil Engineering's annual Clark Lecture was this year delivered by Dr Jean Venables, Chairman of Crane Environmental. Watch our interview with Jean [here.](#)

Birmingham strengthens rail links with China



The University of Birmingham has signed a cooperation agreement on railway research and education with the Chinese rolling stock manufacturer, CSR Sifang. Reflecting the University of Birmingham's position as a global leader in railway science and education and CSR Sifang's status as one of the world's largest manufacturer of high-speed rolling stock, the two parties have agreed to cooperate to develop new technologies through cutting edge research. The two institutions also hope to promote Anglo-Chinese understanding and exchanges through education. [Read more.](#)

Water for the Worlds: Cutting-edge research provides rapid water quality analysis



The earthquake that devastated Haiti in 2010 not only killed 200,000 people but also left more than two million homeless. As a result of drinking polluted water, many of those have since contracted cholera – resulting in a further 10,000 deaths. Lack of sanitation and safe drinking water are the reality of life for billions of people in developing countries – 2.5 billion don't have access to a flushing toilet, 768 million don't have access to a running tap – and natural disasters and civil wars exacerbate the problem. [Read more.](#)

phenomenon



In May 1968, a small gas explosion at the top of a 22-storey tower block called Ronan Point in east London caused one entire corner of the building to collapse, killing four people and injuring 17. The spectacular nature of the disintegration – caused by poor design and construction – led to a serious loss of public confidence in high-rise residential buildings. The past few decades have seen other building collapses, such as the World Trade Center and 130 Liberty Street in New York, caused by various factors but with one common point – the unexpected nature of the events and the accidental loading that triggered the sequence of the collapse. [Read more.](#)

Pioneering University of Birmingham campaign raises nearly £200m for ground-breaking research and life changing opportunities



The University is celebrating after raising an unprecedented £193.4 million for a diverse range of projects including life-saving research and more than 500 student scholarships. The record breaking Circles of Influence campaign has smashed its original £160 million target and has supported more than 250 projects across campus, including the creation of a new state-of-the-art library and a sports centre featuring the city's first 50 metre swimming pool, which will be accessible to staff, students and the local community when it opens next year. [Read more.](#)

We want your thoughts!



We are currently reviewing the communications we send to our alumni and would greatly value your comments on your School newsletter. As an added incentive, participants will be entered into a draw to win a University of Birmingham alumni mug. Fill out the survey [here.](#)

New staff in 2014/15

There have been a number of appointments in the School this term. [Read a summary of our new staff online here.](#)

Your School needs you...

Would you be able to share some of your time, expertise or connections to help our students to succeed?

We are currently looking for help and support from alumni with the following:

- **Undergraduate Open Day, 12 September and 17 October.** Could you donate a couple of hours of your time to pop back to your old School and speak to our prospective students about your time at Birmingham? For more information and to get involved [email us](#)
- What are your memories of your time here at Birmingham? Tweet us [@civeng_unibham](#) with the hashtag #hellobrum or [email us](#). Don't forget to include a photo of you at university and we'll feature your comments on our website, so you can encourage the next generation of Civil Engineers at Birmingham!
- Work experience placements are invaluable for our students, allowing them to learn about the world of work first-hand and apply their knowledge in a real-life setting. If you work in industry and think you could offer a work experience placement to our undergraduate or postgraduate students, please [email us](#)

There are many ways in which you can give a little back, from providing a career profile, to mentoring a student. Please [email us](#) if you would like to get involved and we'll be happy to talk to you.

College and School events taking place shortly...

For information on upcoming lectures in the EPS Inaugural Lecture Series please [visit our website](#)

Wednesday 8 June 2016

[EPS Societies' Awards](#)

Come and celebrate with our student societies as we recognise their fabulous achievements in 2015/16.

Time: 7pm-11pm

Venue: Edgbaston Campus

Saturday 18 June 2016

[EPS Alumni Reunion](#)

As a graduate of one of the nine schools in the College of Engineering & Physical Sciences (EPS), you are invited back to campus for a Summer Reunion to get together with your fellow alumni to celebrate your experiences, accomplishments and friendships at the University of Birmingham.

Time: 9.30am-6pm

Venue: Edgbaston Campus

University events...

Sunday 6 September 2015

[Community Day](#)

See our research brought to life! Come along to the University's Community Day on Sunday 6 September where you can explore our beautiful, historic campus and enjoy free fun for all the family throughout the day. We are throwing the doors open for you to see for yourselves the great things that the University is doing for people here in the Midlands and around the world. This year's event will celebrate more than £160 million of donations to the University and thank all of our amazing supporters. Follow our thank you trail around campus and discover how donations have funded everything from dinosaur bones and robots to our new sports centre. To find out more about the impact of our Circles of influence campaign, please visit www.uobpartofit.com.

Time: 11am-4pm

Venue: Edgbaston Campus

Tuesday 8 September 2015

[Hong Kong Reception with the Vice-Chancellor](#)

University of Birmingham alumni based in Hong Kong are invited to join the Vice-Chancellor, Professor Sir David Eastwood, at a reception on Tuesday 8 September. The evening will be a great opportunity to meet and network with fellow alumni who live and work in Hong Kong, and to find out about the latest developments taking place at the University.

Time: 7pm-9pm

Venue: The Hong Kong Jockey Club

Saturday 12 September 2015

[Golden and 50th Anniversary Reunion Lunch](#)

If you graduated in 1965 or before you are invited back to campus on Saturday 12 September to a Golden and 50th Anniversary Reunion Lunch with your fellow alumni to celebrate your experiences, accomplishments and friendships at the University of Birmingham.

Time: 10.45am-4pm

Venue: Edgbaston Campus

Alumni group events...

The University of Birmingham has alumni groups all over the world that organise local events. To join a group and see details of upcoming events please visit the [webpage](#) and select your location.

Do we have the right details for you?

According to our records your current business details are as follows: **Position** at **Organisation Name**. If this is not correct, please visit your.bham or email alumnioffice@contacts.bham.ac.uk.

visiting your.bham, emailing alumnioffice@contacts.bham.ac.uk, or telephoning +44 (0)121 414 2773 / 2744 / 4724. In order to further tailor the communication we send, all emails are tracked and processed; further information regarding our use of data, is available by looking at our [data protection statement](#)