



UNIVERSITY OF
BIRMINGHAM

School of Mathematics Community

Part of
THE EPS COMMUNITY



Welcome to your 2019 Maths Alumni Newsletter



Greetings from the School of Maths.

As the summer draws to a close now is a good time to reflect on the past year. The School has done exceptionally well in the latest National Student Survey, indeed we are top of the Russell Group in terms of "Overall Student Satisfaction" and many other aspects of the survey. Particularly notable is the fact that almost all students rate our teaching highly, and our students felt part of a community.

[Read more from Paul Flavell](#)

Mathematics NSS 2019

93% overall student
satisfaction

1st in the Russell Group
for student satisfaction



Maths NSS 2019 results

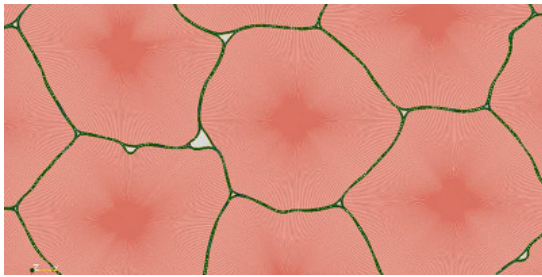
Students who participated in the National Student Survey (NSS) have ranked Mathematics at Birmingham highly, with 93% of our final year students expressing overall satisfaction with their course.

[Find out more](#)

Women Who Dared To Dream

Dr Sara Jabbari, who is helping to tackle the growing global threat of antibiotic resistance, has been featured in a new book celebrating inspiring Birmingham women and their achievements.

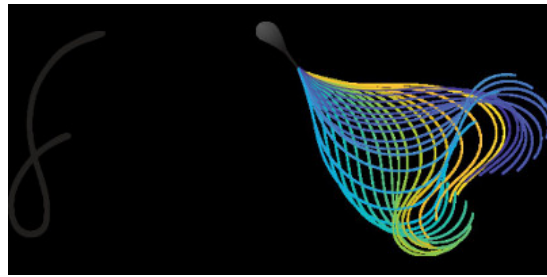
[Find out more](#)



Opportunistic cancer cells 'slip through the gaps' to spread through blood vessels

Cancer cells may rely on opportunism, as well as chemical signalling, to spread through the body, according to new findings by our mathematicians.

[Find out more](#)



New technique will help experts make heads or tails of male fertility

A new way of analysing sperm that tracks the movement of the sperm tail could enable substantial improvements to male fertility testing.

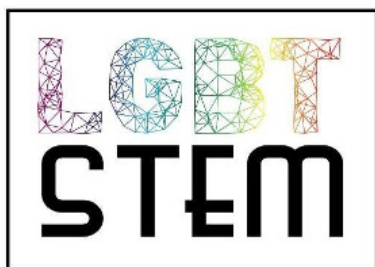
[Find out more](#)



From the wider College: The problem with the plastics problem

Solving the plastics problem will not be easy. It does not have one single and simple solution. The problem is complex and often underestimated. Single use plastics, exemplified by plastic packaging will, and should, never be eliminated completely - to do so would risk other undesirable environmental consequences.

[Find out more](#)



Birmingham to host the fifth annual LGBTSTEMinar

The conference is associated to the group LGBT STEM, a project that showcases LGBT people in science and engineering fields. The conference will show the diversity of people in roles all across STEM disciplines, and provides role models for LGBT people who are either at a junior



EPS Societies' Awards

986 nominations were received to this year's student society awards. We're proud to announce that our very own Ethan Thompson was named *Volunteer of the Year* for the continued running of MathSoc's tutoring programme, and Sam Davies received *The Great Achievement in EPS Award* for his outstanding

stage in their careers or are only considering the possibility of going into a STEM field.

[Find out more](#)

contributions to our School's community and raising more than £80,000 for charity. Congratulations Ethan and Sam!

[Discover our Award winners](#)



Launch of a brand new website

We're excited to launch to you, our alumni, the brand new EPS Community website; you're the first people to see this! Maths and the College of Engineering and Physical Sciences, in which we are part, has a community of over 85,000 graduates, students, staff and friends. This new site celebrates everything that brings our unique community together and explores opportunities for you to join in. Come along to one of our events, see what our 38 student groups are up to, learn about your fellow alumni, and discover how you could get involved. Let us know your feedback by emailing eps-community@contacts.bham.ac.uk, we'd love to hear from you.

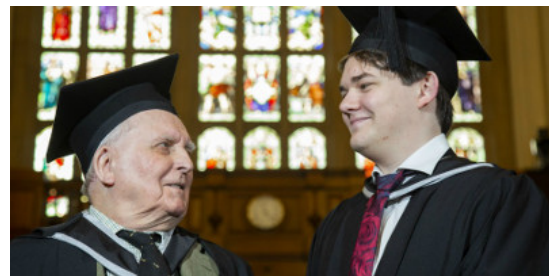
[Take a look](#)

WE ARE BIRMINGHAM ALUMNI

Share your story and inspire our students

From recent graduates to industry leaders, you are making important things happen. You can inspire students and offer an insight into the opportunities awaiting them. Plus, anyone who submits a profile before 1 November will receive an Old Joe magnet.

[Share your Birmingham story](#)



Two generations of alumni celebrate their graduations

An alumnus who missed his own degree congregation while he was away fighting in the Second World War watched his grandson's graduation in December, and finally received a copy of his own wartime degree – a BSc in mining. Congratulations to them both.

[Read more about Stephen and Stephen](#)

MENTORING

Could you mentor a student?

We're looking for enthusiastic alumni and professionals to provide expertise, advice and inspiration to help our students start their careers. Mentoring makes a real difference; we

all know the benefits of having someone to bounce ideas off. If you'd like to be that person, please get in touch.

Email Grace to become a mentor

Events

[Sustainable civil nuclear power workshop](#)

17 September 2019, 9:30am-5pm
Old Gym, University of Birmingham

[My Life in Maths and Shaping the Brain - London Mathematical Society Popular Lectures](#)

19 September 2019, 6:30-8pm
Bramall Music Building, University of Birmingham

[Wetting of hydrophobic and superhydrophobic surfaces workshop](#)

20 September 2019, 10:30-11:30am
G34 Engineering Building, University of Birmingham

[Book to the Future](#)

18-19 October 2019 The University's annual festival of the written and spoken word, featuring free workshops, panel discussions, performances and author talks, including:

- [The return of race science, Angela Saini](#)
18 October, 5:30-7pm
- [From Brum to bakes, Candice Brown](#)
19 October, 6-7pm

[Join In Hong Kong](#)

24 October 2019, 6:30-8:30pm
Asia Society Hong Kong Center, Admiralty, Hong Kong

[Careers and Coffee](#)

29 October, 6-8pm
Cherry Reds, Birmingham City Centre

[Join In New York](#)

13 November 2019, 6:30-8:30pm
Four Seasons Hotel, Barclay Street, New York

[Join In San Francisco](#)

14 November, 6:30-8:30pm
Waterbar, 399 The Embarcadero, San Francisco

[LGBTSTEMinar](#)

10 January 2020
University of Birmingham

[House of Lords Reception](#)

24 April 2020, 6:30-8:30pm
House of Lords, London

[EPS Societies' Awards](#)

10 June 2020, 7:30-11:30pm
Great Hall, University of Birmingham



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