

FACULTY NEWS BULLETIN

28 January 2020

ANNOUNCEMENTS

Effective 1 January 2020, Professor Colm-cille Caulfield is the new Head of the DAMTP, succeeding Prof Nigel Peake, who is now the Head of the School of Physical Sciences.

More information is available on the Faculty website [Faculty Insight Feature](#) and the [Cambridge Perspectives Interview](#).

The Faculty website also includes an interview exploring the work of the Cambridge Mathematics Placements Programme (<https://www.maths.cam.ac.uk/features/building-bridges-industry>), and a look at the achievements of the CMS Green Impact team (<https://www.maths.cam.ac.uk/features/making-green-impact>). You can explore more feature articles at <https://www.maths.cam.ac.uk/features/faculty-insights>



PhD Approvals

Many congratulations to the following students who have recently completed their PhD's:

Theodor Bjorkmo	DAMTP	Multifield inflation in random potentials and the rapid-turn limit
Joseph Davighi	DAMTP	Topological effects in particle physics phenomenology
Sasha Haco	DAMTP	Large Gauge Transformations and Black Hole Entropy

Returning Carers Scheme

The **Returning Carers Scheme** provides funds to support career and professional development for academics, researchers and employees whose primary role is undertaking research, following a career break or a period of leave for caring responsibilities. Applications for Round 15 can be submitted between **6 January 2020 and 14 February 2020**. Please visit [Returning Carers Scheme](#) for further information and to apply.

David Crighton Fellowship 2020

The David Crighton Fund was set up in memory of the late Professor David Crighton FRS, to provide support for young scholars in his research field, i.e. the subfield of applied mathematics concerned with fluid mechanics, acoustics, waves and vibration. The managers of the Fund are accordingly offering up to four David Crighton Fellowships for research students and postdoctoral fellows in these areas. Applications are welcome from candidates based in Departments of Mathematics, Engineering or Physics in Cambridge and elsewhere.

The David Crighton Fellowship award is to be used to cover actual travel and subsistence expenses, up to a maximum amount of £4,000, to facilitate two to three months' study and research. Under normal circumstances we would expect fellowships to be taken up within 12 months of the successful candidates being notified of the outcome of the competition. Candidates based **outside** of Cambridge will have the opportunity to undertake study and research in Cambridge, whereas award winners currently based **in** Cambridge can utilise funds to travel elsewhere. Applicants should normally be in the second half of their PhD research, or have no more than three years' postdoctoral experience.

To be considered for an award, the following documents should be submitted by email to the Head of Department's Secretary hod-sec@damtp.cam.ac.uk

- A brief curriculum vitae
- A description of the candidate's research topic, limited to one page
- A statement of the benefit that can be expected from the proposed period of study
- A letter from the proposed senior host stating that he or she agrees to accept the candidate to study with them between specified dates, countersigned by the host's Head of Department
- A detailed statement of expected travel and subsistence expenses
- Full contact details for two academic referees (name, address, telephone/fax numbers and e-mail address). Referees should be asked to send letters of recommendation to include details of their assessment of the applicant's suitability for a David Crighton Fellowship including the benefits they are likely to gain from their visit, directly to the Head of Department's Secretary, hod-sec@damtp.cam.ac.uk

Applications and references should be received by the Head of Department's Secretary by: 29 February 2020

If you have anything you would like to be included in the next News Bulletin please send details to newsbulletin@maths.cam.ac.uk by Wednesday 5 February. The next issue will be published w/c 10 February.

Helen Mason OBE, joined Melvyn Bragg and guests on BBC Radio 4 'In our Time' to discuss 'Solar Winds' the phenomenon behind the auroras at Earth's poles, the stream of charged particles spreading out from the Sun to the border of the solar system. Listen now by clicking on [Solar Winds](#) and downloading the podcast.

Brexit and Immigration/Right to work checks

It is anticipated that the UK will leave the EU with a 'deal' on 31 January 2020. A transition period will follow, expected to last until at least 31 December 2020. During this time the UK remains subject to EU law; there will be no change to the UK's immigration system and free movement for EU/EEA/Swiss citizens will continue. For new EU/EEA/Swiss citizens moving to the UK during the transition period there will be no change to current right to work practices until at least 1 January 2021.

Please contact the [HR Immigration and Compliance Team](#) for further support or guidance, and visit [Brexit Analysis](#) and FAQs to see regular updates about key areas relating to employment, recruitment, immigration, travel, research funding and student fees.

CUSU Student-Led Teaching Awards 2020

The SLTAs exist to reward outstanding teaching and student support across Cambridge University and its Colleges. They are a unique opportunity for students to recognise the exceptional contribution of teaching and non-teaching staff to their education at Cambridge, and to highlight the kinds of teaching and support that they value and would like to see more of.

The SLTAs are entirely led by students, and rely only on the feedback and testimonials of Cambridge students only. [Nominations are open for 2020](#), and will close on Wednesday 26th February.

Researchfish – 2020 submission

This notice applies to those who receive funding from the following sources: *URIK (AHRC, BBSRC, ESRC, MRC, NERC, EPSRC, STFC), BHF, CRUK, Cystic Fibrosis Trust, NIHR, Alzheimer's Research UK, NC3Rs, Rosetrees Trust, and the UK Space Agency.*

This year's [Researchfish](#) submission period runs from **Monday 3 February - 4.00pm on Thursday 12 March**. Please read the information supplied on the Researchfish website and respond to the email you should have received about making your submission. You are required to make your submission before the deadline.

The **MMP's STIMULUS** programme has placed 148 student volunteers in local schools this term. STIMULUS creates placements for Cambridge University students in local primary and secondary schools and sixth form colleges, helping with Mathematics, Science, Computing and Design Technology classes and after-school clubs. STIMULUS attracts students from many different subjects, including Natural Sciences, Engineering, Medicine and Computer Science: this term 26 of the volunteers are Mathematics students. Volunteers sign up for a term at a time, working in their assigned schools for one day a week, and the feedback from both schools and those volunteering is enormously positive.

EVENTS

E&D Event: Time to Talk: The Benefits of Talking About Mental Health at Work

Thursday 6 February, 12.30pm-1.30pm, Department of Material Science and Metallurgy, Goldsmiths Lecture Room 1

To mark **Time to Talk Day**, **Stuart Jessup**, Chair of Trustees from the charity **CPSL Mind**, will discuss the benefits of talking about mental health at work. He will share examples of how this has been successful, and tips about how to talk about mental health with colleagues.

To book your place, please click [here](#)

LGBT Mathmos

A reminder that the LGBT Mathmos hold a fortnightly tea, coffee and cakes event in the core. The first of these will be on Friday the 31 January at 2.30pm. If you would like to sign up to the LGBT Mathmos mailing list, you can do so [here](#).

GENERAL INFORMATION

2020 Family Activities

Free drop-in family events at
Cambridge University Botanic Garden

 <p>Crazy Cone Creations SAT 4TH JAN</p>	 <p>Plant Fibres SAT 1ST FEB</p>		
 <p>Fruity Fun SAT 7TH MAR</p>	 <p>Paper Orchids SAT 4TH APR</p>	 <p>Happy Herbs SAT 2ND MAY</p>	 <p>Part of Festival of Plants 10am - 4pm Bee Bonanza SAT 6TH JUNE</p>
 <p>Leaf Art SAT 4TH JUL</p>	 <p>Vegetable Families SAT 1ST AUG</p>	 <p>Creatures of the Night SAT 5TH SEP</p>	 <p>Spider Crafts SAT 3RD OCT</p>
 <p>Bulbs for Spring SAT 7TH NOV</p>	 <p>Christmas Crafts SAT 5TH DEC</p>	<p>First Saturday Family activities are free! To join in the fun simply drop-in to the Botanic Garden between 10am - 1pm on the first Saturday of each month.</p> <p>Garden admission charge applies for accompanying adults.</p> <p>For more information visit www.botanic.cam.ac.uk</p> <p> </p>	

Cambridge University Botanic Garden—Family Activities 2020

Don't forget that the Faculty has recently purchased membership of the Botanic Garden until the end of November, which gives 12 membership cards for the Faculty to use. The cards will be issued from Reception.

If you would like to visit the Botanic Garden then you will need a card for each member of your party, although University Students and children are free to enter the Garden. The Reception team will request a £10 deposit from you, when you pick up your cards, which will be given back to you when the cards are returned.

Employee Self Service

If you have recently changed address, or are new to the University, please spare a moment to update your details on the Employee Self Service <https://www.hrsystems.admin.cam.ac.uk/systems/systems-overview/employee-self-service-ess>.



Twilight at the Museums 2020 Wednesday 19 February, 4.30 - 7.30pm

Held every February half-term, Twilight at the Museums is a FREE after-hours event for families. Set out and discover local museums and collections in a completely new way. With darkened galleries for torch lit exploration and other hands-on activities throughout the evening, there are lots of things for families to enjoy.

Visit the [Twilight event page](#) for full details.