

٢٥٥١٧

العدد : ص ب / ١

التاريخ : ٢٥ / ٩ / ٢٠١٨



وزارة التعليم العالي  
والبحث العلمي

Ministry of Higher Education & Scientific Research

جمهورية العراق  
وزارة التعليم العالي والبحث العلمي  
دائرة البعثات والعلاقات الثقافية  
قسم الدراسات خارج العراق

اعلان

غير الموظفين

م/ مقاعد دراسية مدعومة جزئياً لعام ٢٠١٨ في الجامعات البريطانية

السلام عليكم ورحمة الله وبركاته ...

أعلمتنا الدائرة الثقافية في لندن بكتابها ذي العدد ٣٠٧٥ / ٢٠١٨ في ٣٠ / ٨ / ٢٠١٨ عن توفر منح دراسية مدعومة جزئياً لعام ٢٠١٨ في الجامعات البريطانية لدراسة الدكتوراه ( كما هو مدرج في ادناه ) ووفقاً للشروط والضوابط المعتمدة في قناة النفقة الخاصة المتوفرة على الموقع الرسمي لدائرة البعثات والعلاقات الثقافية على ان يكون التقديم على الموقع الالكتروني الخاص بالجامعة المذكورة .

#### ١. جامعة Sheffield

منحة دراسية واحدة لدراسة الدكتوراه لمن لديه شهادة في مجال الصحة العامة .

الموضوع Exploring the potential system - wide impact on health inequalities of programmes to promote recreational physical activity for children

المنحة مدعومة جزئياً

قيمة المنحة ١٤,٧٧٧ باوند سنوياً

آخر موعد للتقديم : ٢٠١٨/١٠/١ .

التفاصيل موجودة على الروابط في اعلان الجامعة المرفق ربطاً .

#### ٢. جامعة Goldsmiths. University of London

منحة دراسية واحدة لدراسة الدكتوراه لمن لديه شهادة في مجال الجغرافية .

الموضوع Topological Atlas

المنحة مدعومة جزئياً

قيمة المنحة ١٤,٧٧٧ باوند سنوياً

آخر موعد للتقديم : ٢٠١٨/١٠/٣ .

التفاصيل موجودة على الروابط في اعلان الجامعة المرفق ربطاً .

العدد : ص ب / ٢٥٥١٦  
التاريخ : ٢٠١٨/٩/٢٥



جمهورية العراق  
وزارة التعليم العالي والبحث العلمي  
دائرة البعثات والعلاقات الثقافية  
قسم الدراسات خارج العراق

٣. جامعة Cranfield University  
منحة دراسية واحدة لدراسة الدكتوراه لمن لديه شهادة في مجال الهندسة الميكانيكية أو الهندسة الكهربائية أو هندسة الطيران .  
الموضوع Aircraft Fuel Pump of the Future  
المنحة مدعومة جزئياً  
قيمة المنحة ٢٠,٠٠٠ باوند سنوياً .  
آخر موعد للتقديم : ٢٠١٨/١٠/١١ .  
التفاصيل موجودة على الروابط في اعلان الجامعة المرفق ربطاً.

مع التقدير

أ.م.د. صلاح هادي الفتلاوي  
المدير العام لدائرة البعثات والعلاقات الثقافية وكالة  
٢٠١٨/٩/٢٥

نسخة منه إلى:-

- مكتب معالي الوزير... / للتفضل بالاطلاع ... مع التقدير
- مكتب وكيل الوزارة للشؤون العلمية والعلاقات الدولية للتفضل بالاطلاع ... مع التقدير
- مكاتب السادة الوكلاء... للتفضل بالاطلاع ... مع التقدير
- مكتب المفتش العام للتفضل بالاطلاع ... مع التقدير
- مكتب المدير العام .... / اشارة الى موافقة سيادته في ٢٠١٨/٩/٩ ... مع التقدير
- دائرة العلاقات والاعلام/ القناة الجامعية .. لاتخاذ ما يلزم من قبلكم ... مع التقدير
- الدائرة الثقافية / لندن / اشارة الى كتابكم اعلاه .... مع التقدير
- قسم المعلوماتية / راجين نشر الاعلان على موقع الدائرة
- قسم الدراسات خارج العراق/ شعبة النفقة الخاصة
- البريد الدوار.





## EPSRC Centre for Doctoral Training in Sustainable Materials and Manufacturing: Aircraft Fuel Pump of the Future

Cranfield University - Cranfield University and Airbus Operations UK

Qualification type:	PhD	Placed on:	11th July 2018
Location:	Cranfield	Closes:	11th October 2018
Funding for:	UK Students, EU Students, International Students	Reference:	SATM0065
Funding amount:	£20,000 per annum		
Hours:	Full Time		

Research Supervisor at Cranfield: Dr. Craig Lawson  
 Supporting Company: Airbus Operations UK  
 Job ref: SATM0065  
 Eligibility: UK, EU  
 Duration: 4 years

### Intro:

Cranfield University and Airbus Operations UK are seeking a top class candidate to undertake research leading to the award of an International Engineering Doctorate awarded jointly by the Universities of Warwick, Exeter and Cranfield. As a 'research engineer' on our International Doctorate programme you will have unrivalled access to some of the best teaching and industrial expertise in the world, across three universities.

While you will be based at Cranfield University and Airbus Operations UK, you will also spend time at Warwick and Exeter Universities to give you the broadest possible experience.

### Project overview:

Aircraft fuel pumps have relied on mature designs over the last decades. An electrically driven impeller provides the required flowrate and pressure jump at the pump outlet. The electric motors are traditionally based on AC induction principles with either fixed or wild frequency capabilities. The AC power provision leads to a simple and robust operating mode at a constant pump operating point. Pumps also indicate failure via a simple ON/OFF pressure switch function.

Newer pump generations incorporate powerful brushless DC motors and the required electronics module to provide variable pressure and flow rates. Hence a single pump model may be employed for multiple functions such as engine feed and transfer, by optimizing its design for a compromise of operating points. This requires review of the impeller design as its operation will now see various rpms. With this new level of pump control, different operational scenarios may be possible in terms of fuel transfer strategies across tanks, potentially leading to downsized components or reduction in valve closure cycles.

Such pumps also have the capability, based on the integrated power electronics, to gather additional pump health data. This allows for prediction of maintenance and faults and enables cost savings for airlines due to reduced operational interruptions.

The pump of the future will incorporate such features, providing high reliability and operational efficiency for various fuel system functions. Novel sensing techniques will be developed to measure parameters including pressure and flow rate. By gathering additional health data for the electric motor and impeller under fluid mechanic and flight environmental conditions, a big data based fault & maintenance prediction approach is possible. This may then be extended to the fleet level for further data gathering.

### Entry Requirements

#### Qualifications

Candidates should have a minimum of an upper second (2:1) honours degree (or equivalent) in mechanical, electrical or aerospace engineering.

#### The Studentship

Qualifying students an attractive enhanced stipend which could be tax and NI free depending on your personal circumstances, paid by the Centre and topped up by a contribution from Airbus Operations UK. For 2018 this totals approximately £20,000 tax free per annum.

#### Eligibility

This project is open to resident UK or EU students under current funding regulations and restrictions. Non-UK/EU students and Non-UK resident EU students meeting the academic requirements are also welcome to apply as a small proportion of places are available which provide funding to cover a proportion of the fees and provide a stipend. They may also apply if they are able to self-fund the 4 year programme.





# Goldsmiths

UNIVERSITY OF LONDON

## Topological Atlas - PhD studentships (full-time)

Goldsmiths, University of London - Visual Cultures

Qualification Type:	PhD	Placed On:	10th August 2018
Location:	New Cross	Closes:	3rd October 2018
Funding for:	UK Students, EU Students, International Students	Reference:	362964
Funding amount:	£14,777 per annum plus £2,000 London allowance for 2018/19.		
Hours:	Full Time		

Apply

### Key responsibilities

- Produce a thesis on visibility and ethics embedded within digital technologies of mapping, sensing and securitisation.
- Contribute to the project field work in at least one border site.
- Disseminate their own research within the project in academic and non-academic settings.

### Candidate requirements

#### Essential

- MA or equivalent in relevant subject area.
- Experience of working on the broad topic of migration, borders or human rights.
- Knowledge of debates in the broad field of visual culture and migration and/or human rights.
- Excellent oral, written and visual communication skills.
- Ability to work well to deadlines.

#### Desirable

- Experience of working on border cases.
- Knowledge of the technologies deployed to securitise international borders.
- Knowledge of the field of critical cartography, mapping and visualisation.
- Language skills in Urdu, Balochi or Hindi.
- Advanced skills in architectural modelling, GIS etc.

### Funding Details

The scholarships are 3 years full time. one covers UK/EU tuition fees (or an equivalent contribution towards fees for international students) and the other covers international fees. Both studentships include a tax-free stipend at the standard RCUK rate (£14,777 plus £2,000 London allowance for 2018/19). The



PhD start date to be no later than 1 April 2019.

#### How to apply

Eligible candidates should apply via the Goldsmiths PhD application form:  
<https://www.gold.ac.uk/pg/mphil-phd-research-architecture/>

They should also send the following via email to: [n.awan@gold.ac.uk](mailto:n.awan@gold.ac.uk)

- CV
- Covering letter (max 2 pages A4) on your interests relating to the broad topics of migration, borders and human rights. Include the questions you are curious to explore around visibility and ethics in relation to digital technologies of mapping, sensing and securitisation at the border.
- One sample of work – written or visual.
- Details of two referees.

Closing date for applications: 3 October 2018. Interviews: week commencing 15 October 2018.

For informal inquiries, please contact Nishat Awan – [n.awan@gold.ac.uk](mailto:n.awan@gold.ac.uk)

No agencies please.

#### Advert information

##### Type / Role:

PhD

##### Subject Area(s):

Social Sciences & Social Care  
Sociology  
Human & Social Geography

##### Location(s):

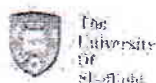
London

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# Exploring the potential system-wide impact on health inequalities of programmes to promote recreational physical activity for children

University of Sheffield - SchARR

Qualification Type:	PhD	Placed On:	17th August 2018
Location:	Sheffield	Closes:	1st October 2018
Funding for:	UK Students, EU Students, International Students		
Funding amount:	£14,777 annual tax-free stipend plus tuition fees up to Home/EU rate and a contribution to research and training costs		
Hours:	Full Time		
<a href="#">View Employer Profile</a>			

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Whilst the public health importance of promoting physical activity is widely recognised, there remains a significant need to tackle inequalities in access to, and uptake of physical activity in communities that could benefit from being more active. It is well recognised that recreational physical activity is socioeconomically patterned, with more affluent individuals and communities having access to more opportunities for recreational physical activity. For more deprived communities, there are a number of factors that result in a less physically active population and this may be particularly true for children and young people from more deprived neighbourhoods and from minority ethnic groups. Inequalities in access to appropriate facilities and programmes for recreational activities are a specific area of concern, given the high levels of socio-economically patterned variation in the distribution of amenities (including parks, playing fields and other green space as well as leisure and sports facilities) and local recreational activity programmes (both school and family or community-based). There is a need for better understanding of whether and how investment in local amenities and community activities could support policies to reduce inequalities, in order to inform decision making by policymakers and programme funders.

**Aims:** To identify and evaluate system-level impacts of current policies and programmes to promote recreational physical activities in more deprived neighbourhoods on inequalities in activity levels, and associated health and wellbeing outcomes (including physical fitness, overweight and obesity, mental and social wellbeing) for children and young people.

Research questions and methodological approaches would be developed in collaboration with the student, depending on academic background and interests.

In addition to training opportunities within NIHR SPHR and the host institution, students will have access to development opportunities provided by the NIHR Trainees Coordinating Centre. Students will be invited to become members of the new NIHR Academy which will include access to an expanded programme of development and support. Students will have the opportunity to undertake a placement in a public health practice or policy setting and work with local public health practitioners.



Applicants must have a first degree in a discipline relevant to public health research and will be expected to complete a PhD during the award period. Your application will be assessed using the following criteria:

- A first or upper second class UK honours degree, or the equivalent qualifications gained outside the UK, in an appropriate subject (qualifications, or a combination of qualifications and experience, which demonstrate equivalent ability and attainment also considered)
- Previous research experience or formal training (e.g. a Master's degree at Merit level or equivalent)
- Relevant previous research experience
- Output from previous research experience
- Evidence of commitment to a research career
- Evidence of potential as a career researcher
- Excellent written and verbal communication skills
- Supportive academic references
- Highly motivated
- Able to work both independently and as part of a team
- Able to plan and manage own work

Supervisors: Prof Liddy Goyder and Dr Emma Eyerson-Hock, University of Sheffield

Advisor: Prof Russ Jago, University of Bristol

The studentship must be taken up by 01/04/2019 at the latest.

This award will fund tuition fees up to the value of Home/EU fees; international students are welcome to apply but will need to fund the remainder of their fees from alternative sources. Studentship awards include an annual tax-free stipend of £14,777 and a contribution towards research and training costs.

Advert information

Type / Role:

PhD

Subject Area(s):

Health & Medical

Medicine & Dentistry

Nutrition

Social Sciences & Social Care

Social Policy

Human & Social Geography

Other Social Sciences

Sport & Leisure

Sports Science

Location(s):

Northern England

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University of Sheffield

Exploring the potential system-wide impact on health inequalities of programmes to promote recreational physical activity for children

<https://www.jobs.ac.uk/job/BMD515/exploring-the-potential-system-wide-impact-on-health-inequalities-of-programmes-to-promote-recreational-physical-activity-for-children>

S Goldsmiths, University of London

Topological Atlas - PhD studentships (full-time)

<https://www.jobs.ac.uk/job/BLY122/topological-atlas-phd-studentships-full-time>

Cranfield University

EPSRC Centre for Doctoral Training in Sustainable Materials and Manufacturing

Aircraft Fuel Pump of the Future

<https://www.jobs.ac.uk/job/BLE939/epsrc-centre-for-doctoral-training-in-sustainable-materials-and-manufacturing-aircraft-fuel-pump-of-the-future>