



FOR UNIVERSITY STAFF

WEEK COMMENCING 19 AUG 2019

ISSUE NO 201

SEMINARS

WEDNESDAY SEMINAR

Will be a talk on Artificial Intelligence for Health organised by Toryn Poolman (see poster below)

FRIDAY SEMINAR

There is no Friday seminar this week.

MEDICAL GRAND ROUNDS

There is no medical grand rounds this week



Congratulations to Dr Kate Lines of the Thakker group who has been awarded an Oxford-Celgene fellowship. The Oxford-Celgene Fellowship Programme was established in 2015 with the aim of stimulating new scientific discovery and translation and to facilitate skills and people transfer between researchers in academia and industry. Oxford's relationship with Celgene continues to grow year on year, with the new 2019 Fellowships taking the total of Oxford-Celgene Fellows to 22.



Welcome to Sara Massey who has joined the admin team as finance/facilities assistant thorough the university temporary staffing services section.

Artificial intelligence for Health

Governing the Ecosystem

Jess Morely

AI lead NHSX



Wednesday 21st August
OCDEM, Churchill Hospital
1pm (Lunch at 12:45pm)



Host @toryn13 / toryn.poolman@ocdem.ox.ac.uk

@jessRmorley jessica.morley@kellogg.ox.ac.uk



POSTDOCTORAL RESEARCH ASSISTANT

Grade 7: £23,236 - £39,609 p.a

An exciting opportunity has arisen for a Postdoctoral Research Assistant position in the Professor Patrik Rorsman group within the Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM) on a highly prestigious JDRF-funded programme of research. The successful candidate will work closely with Professor Rorsman (OCDEM), Dr Linford Briant (OCDEM) and Professor Patrick MacDonald (University of Alberta, Canada).

The successful candidate will join a well-resourced team with a track record of major discoveries and supporting early career research fellows. The postholder will join a team applying a novel approach which combines single-cell sequencing with a functional readout of the individual cell's behaviour: patch-clamp electrophysiology ("Patch-seq"; see Cadwell et al. (2016) *Nat Biotechnol* 34(2) and Camunas-Soler et al. (2019), *bioRxiv*). The postholder will apply this approach to human and mouse islet cells. The overarching goal of this collaboration is to understand how the single cell transcriptome relates to the electrophysiological properties of islet cells. Why is this important? The electrophysiological properties of islet cells change in diabetes, and these properties are ultimately what determines the secretory output of the cell. This technique has already generated a substantial patch-seq dataset (> 1500 cells both sequenced and patch-clamped) in islet cells from human donors (both non-diabetic and type 2 diabetic donors). This dataset has revealed key transcripts that distinguish different functional classes of cells.

The project will involve: analysing single-cell and bulk-RNA-seq datasets; learning patch-clamp electrophysiology (training of this technique will be provided); developing their own patch-seq dataset in mouse models of diabetes; developing their own patch-seq dataset in human islets isolated in OCDEM at the DRWF Human Islet Isolation Facility; making trips to the grant holder (Professor MacDonald), when the time is mutually suitable, to discuss and develop the project.

The postholder must have submitted their thesis at the time of commencing the post. A relevant PhD is essential. Previous publications and experience in presenting at national and/or international conferences is desirable. The position would suit a molecular/cellular biologist with experience of next generation sequencing (ideally at the single cell level), who is comfortable performing some bioinformatics analyses and has a strong desire to learn something new (patch-clamp electrophysiology).

The position is full-time and fixed-term for 12 months (in the first instance, with the possibility for a 12 month extension). The position will be based at OCDEM, Churchill Hospital, Oxford.

For informal enquiries, please contact either Linford Briant (linford.briant@ocdem.ox.ac.uk) or Isabel McCarthy (isabel.mccarthy@ocdem.ox.ac.uk). Please quote reference 141985 on all correspondence. As part of your formal online application, you will be required to upload a CV and supporting statement.

Only applications received before 12.00 midday on 23 August 2019 can be considered. Interviews are scheduled for week commencing 9 September 2019



BRC3 DIABETES & METABOLISM THEME CO-ORDINATOR

Grade 6: £28,660 - £34,189 p.a.

OCDEM has an exciting opportunity for a theme co-ordinator to join the Oxford NIHR Biomedical Research Centre Diabetes and Metabolism Theme. The Diabetes and Metabolism Theme Leader (Jeremy Tomlinson) oversees a complex portfolio of world leading translational diabetes and metabolism research programs across the University of Oxford and Oxford University Hospitals which are underpinned by core BRC funded infrastructure. The research theme currently consists of four subthemes: Translational Physiology, Therapeutics and Medical Innovation, Translational Islet and Metabolic Tissue Biology, Pancreas and Islet-Cell Transplantation and Service Innovation and Evaluation (<https://oxfordbrc.nihr.ac.uk/research-themes-overview/diabetes-and-metabolism/>)

As the theme co-ordinator, you will be required to support the theme and its subtheme leaders in the day-to-day management of BRC funded projects, tracking their progress against objectives, coordinating and compiling project reports. You will work closely with the theme leader to shape the research plan for the next round of NIHR funding. An important component of your role will be the supporting patient and public involvement (PPI) in research, as well as co-ordinating public engagement events. In addition, the role will include the development of social media platforms, preparation of newsletters and press releases for various websites and overseeing the implementation of a Diabetes and Metabolism summer studentship program.

The postholder must have a degree in a relevant biological sciences subject and previous experience in data collation and report writing. It is essential that the successful candidate has excellent communication and IT skills. Knowledge of biomedical research (in particular, diabetes and metabolism) would be an advantage.

This is a full-time appointment, fixed-term for 2 years in the first instance.

Please quote ref. 142120 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Only applications received before 12.00 midday on 23 August 2019 can be considered.



STATISTICIAN

Grade 6: £28,660 - £34,189 with a discretionary range to £37,345 p.a.

An exciting opportunity has arisen to appoint a new medical statistician to join the Diabetes Trials Unit (DTU) Statistics and Modelling group, part of the Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM) on the Churchill Hospital campus, Oxford.

The DTU is a fully registered UKCRC Clinical Trials Unit and one of only a handful of academic research organisations worldwide that specialises in designing and performing both global clinical outcome mega-trials and early-phase translational trials of novel therapeutic opportunities and devices. This post represents an excellent development opportunity for the successful applicant who will be able to contribute to on-going and upcoming clinical studies under the guidance of senior statisticians.

Applicants should have a postgraduate degree in statistics or a related subject and have knowledge of statistical theory and methods, together with basic statistical computing and programming skills, e.g. programming in SAS, Stata or R. Some knowledge/experience of clinical trials would be an advantage, however training can be provided.

Applicants must be able to work independently as well as part of a team, be able to communicate complex concepts to non-statisticians, and have effective interpersonal skills.

The post is full-time and fixed-term for 2 years in the first instance.

Please quote 142243 in all correspondence.

For informal enquiries about the role please contact Ruth Coleman, Senior Research Statistician, email: ruth.coleman@dtu.ox.ac.uk Tel: 01865 857253

The deadline for applications is 12.00 midday on 6 September 2019. Interviews will be held on the 24 September 2019.



Please note that there will be no purchase orders processed on Thursday or Friday this week.

HEALTH AND WELLBEING



YOGA IN THE WORK PLACE:

13.00-14.00 Robert Turner Lecture Theatre

20th and 27th August



Hi Everyone,

With over 580000 steps under my belt I am well on the way to completing the challenge.

If you want to sponsor such a worthy cause, please follow the link below:-

<https://step.diabetes.org.uk/pages/Karyna>

Thank you

Karyna Gibbons

Diabetes Research Nurse

WIN A MEAL AT THE UNIVERSITY CLUB

Make the most of the summer offers at the University Club this August and enter the prize draw for a free pizza and beer/ cider/ sparkling rose for two

- University Club Bank Holiday special – Kick start you're the Bank Holiday weekend on Thursday 22 August at 6pm with pizza and beer or cider for two £15 or Pizza and Sparkling Rose for two £15.

To enter the prize draw to win one of two pairs of tickets for the Bank Holiday special send your contact details to blueprint@admin.ox.ac.uk by Monday 19 August (please write 'University Club Bank Holiday offer' in the email subject line).

[The University club](#) is a sports and social club with accommodation with free [membership](#) for University staff and graduates.