Security Lancaster | Lancaster University

Security Lancaster Newsletter October 2021

Outstanding Security Research Award

Security Lancaster is pleased to announce its annual Outstanding Security Research Award in recognition of excellence in student-lead research in the field of security and such, seeks nominations from all levels. In each level of study, one Outstanding Award of £250 voucher plus Award certificate, and one letter of Commendation will be made.

- **Postgraduate deadline: 1st November**
- **PhD deadline: 1st November**

If you have any questions please don't hesitate to contact Jennifer McCulloch by email j.mcculloch@lancaster.ac.uk.

Security Lancaster's Halloween Charity Event

Friday 29 October 2021, 9:30am to 4:00pm

Security Lancaster would like to welcome you to take part in our Halloween Collaboration fundraiser.

We all know how difficult the past year has been, and Security Lancaster would like to help the community. We would also like to take this opportunity to invite everyone to come and meet Security Lancaster colleagues. Find out more about us and how we might collaborate.

The event will be held in the Security Lancaster club area of InfoLab21.

Find out more

Research Misconduct Policy - Updated July 2021

Lancaster University has recently updated its Procedure for the Investigation of Misconduct in Research, bringing into alignment with related policies.

This revised procedure has been developed using the UK Research Integrity Office (UKRIO) model for the investigation of allegations of misconduct in research. Such allegations might be brought to Lancaster University as the employer of the individual against whom the allegations are made, or in another capacity, such as the host or sponsor of the research. Where a situation is clearly of a very serious nature, the appropriate authority or regulatory body will be notified at the earliest practicable opportunity.

Lancaster's researchers work to the highest standard of research integrity and the Code of Practice sets out our commitment to research integrity and our expectations from our researchers. The University is committed to upholding University UK's Concordat to Support

[Research Integrity](#) and operates a [Safeguarding in Research Framework](#) designed to promote good practice and protect those with whom we interact. Those operating under this policy are required to be aware of its contents and to implement these in the fulfilment of the University's work. Advice and guidance on how this framework operates in relation to this policy is available from the Head of Research Quality and Policy in RES.

The new procedure and related guidance can be found on the [Research and Enterprise website](#).

SL News

Project Albatross

In June Dr Mark Lacy (PPR) and Karena Kyne (PPR) were involved remotely in the first workshop of Project Albatross at the Danish Architecture Centre. Funded by the Candian Department of National Defence, Project Albatross brings together designers, academics, game designers, policymakers and military professionals to explore game design for defence practioners.

More information can be found [here.](#)

FiVu: Using Design Fiction to Identify Future Vulnerabilities in Bio-IOT

A cross-discipline team based at Lancaster have won a new project from the [SPRITE+ Institute](#): '[FiVu: Using Design Fiction to Identify Future Vulnerabilities in Bio-IoT](#)' is led by Charles Weir, along with Jose-Rodrigues Cordoba-Pachon of Royal Holloway, Lynne Coventry of Northumbria and Soteris Demetriou of Imperial College. The project investigates using different types of design fiction to predict security and privacy problems that a new product might encounter, focussing on the fast-moving health automation field.

H-Unique - Lend a hand to help crime-solving research at Lancaster

A ground-breaking project is studying the uniqueness of the human hand to help solve child abuse cases. You can help the team by sharing pictures of your hands.

H-Unique is a five-year Lancaster University project studying the uniqueness of the visible anatomy of the human hand.

It builds on the ground-breaking work of Professor Dame Sue Black in the identification of child sex offenders from images of their hands.

The aim of the project is to identify which features of the hand, such as vein patterns and knuckle creases, can be used to build the most reliable tool for identification and to train computers to automate the comparison of images. This will enable the examination of vast amounts of evidence and support criminal cases.

To achieve this, researchers are creating the world's largest database of hand images, and they need your help.

You can become of the team's 5,000 'citizen scientist' volunteers – all you need to do is anonymously complete a short questionnaire and contribute images of your hands using a smartphone. To find out more and take part, visit [h-unique.lancaster.ac.uk](#)

Funding Calls

- [ESRC Postdoctoral Fellowships](#) - Apply for a postdoctoral fellowship to develop:
  - publications
  - networks
  - research skills
  - professional skills.

  You must:

- have completed your PhD at a research organisation that is part of a Doctoral Training Partnership (DTP)
- have less than 12 months' postdoctoral experience (at full-time rate) measured from passing your viva voce to the competition closing date.

Fellowships must be held at a research organisation that is part of a DTP and aligned to an accredited pathway.

Your proposal can be from a single discipline or a combination of disciplines, but social sciences must make up at least 50% of your fellowship activities.

- Secondary Data Analysis Initiative - This grant supports research that exploits existing data resources for social and economic research, created by the ESRC and other agencies, for comparative analysis. It also aims to develop research capacity and skills in using large and complex secondary data.
  Grants can be for up to £300,000 for a period of up to 24 months. Funding is based on the full economic costs of the research, with ESRC providing 80% of the cost and the research organisation covering the balance.
  Proposals can draw from the wider sciences, but the social sciences must represent more than 50% of the research focus and effort.
  Additional primary (first-time) data collection will not be funded under this call.

- Pre-announcement: explore people's relationships with digital technologies - Apply for funding to develop a network to research people's relationships with technology. You must be based at a UK research organisation eligible for ESRC funding. Your project must be:

- social science-led
- at least 50% within ESRC's remit.

Your network is expected to:

- generate insights on the relationships between people and technologies by carrying out and funding research
- build interdisciplinary capability
- bring people together across disciplines.

The full economic cost of your project can be up to £4 million. We will fund 80% of the full economic cost.

Your project can last up to five years.

Seminar Series

Safe Autonomous Systems – Challenges and Potential Solutions

Wilfried Steiner, the Director of TTTech Labs, will be delivering the above seminar on **Friday 22nd October from 2pm until 3pm**.

More information and details on how to register for the event can be found here.

Our full list of upcoming seminars can be found here.

Become a member of Lancaster's Security Institute

Lancaster University

Bailrigg, Lancaster
United Kingdom