

**University of Surrey**  
**Annual Open Research and**  
**Research Culture Event**  
**Thursday 2<sup>nd</sup> February 2023**



UNIVERSITY OF SURREY  
**Open Research**



UNIVERSITY OF  
**SURREY**

Dear Colleagues,

Welcome to the University of Surrey Open Research and Research Culture event. This is the second in a series of annual events, planned for the forthcoming years. The series provides a platform for our community across all disciplines and career stages to discuss and share their knowledge, experience, and aspirations in Open Research and Research Culture. In designing this year's event, we acted on feedback from our very successful [Surrey Open Research and Transparency Showcase](#), held in March 2021 and [Surrey Inaugural Open Research Lecture](#), held in April 2022. Our 2023 event includes Open Research case studies, invited lectures, networking opportunities and a panel discussion, whilst our workshops are designed for further discussion and brainstorming on Open Research and Research Culture. The event is for those who are just starting to think about these topics, to those who are showcasing their Open Research and Research Culture practices.

The 2023 Annual Open Research and Research Culture event could not have come together without the help and contribution of many people. First, we would like to thank our invited speakers, Prof Andrew George and Dr Tanita Casci who have given up their time and travelled to be here with us. I would also like to thank our University of Surrey contributors, Prof Katriina Whitaker (panel member), Claire Price, Dr. Pablo Pereira Doel and Tamala Anderson (Open Research Lightning talks). We also thank our Vice Chancellor, Prof Max Lu, for supporting our Open Research culture, and for opening the event. I would personally like to thank the rest of the organising team: Anna Korzeniowska (lead), Dr Emma Henderson, Peter La, Laura Harris and members of the [CoGDeV](#) lab.

We hope to that this is an inspiring event and that you enjoy the day.

Professor Emily Farran

Academic Lead Research Culture and Integrity

**Resources:** [Surrey Open Research handbook](#).

**Social media:** #SurreyOR2023 @SurreyOR @SurreyOR@mastodon.social

# Contents

Event Schedule.....	4
Surrey Open Research Case Studies .....	5
Invited Speakers.....	7
Posters and information stations .....	10

## Event Schedule

Time	Event	Location
9:00am	Registration	Austin Pearce Foyer
9:15am	Opening: Prof Max Lu, Vice Chancellor, University of Surrey	Austin Pearce LTs 3-4
9:25am	Surrey Open Research Case studies: Three Lightning Talks	Austin Pearce LTs 3-4
9:45am	Prof Andrew George MBE, Imperial College London (Chair of the Committee on Research Integrity): <b>Research integrity: ensuring good research happens.</b>	Austin Pearce LTs 3-4
10:45am	Coffee, Posters and Info Stations	Austin Pearce Foyer
11:10am	Dr Tanita Casci, Director, Research Strategy & Policy Unit, University of Oxford: <b>Research culture: keeping it simple</b>	Austin Pearce LTs 3-4
12:10pm	Panel discussion <b>Debunking myths in Open Research and Research Culture</b> (with Prof Andrew George MBE, Dr Tanita Casci, and Prof Katriina Whitaker)	Austin Pearce LTs 3-4
1:00pm	Lunch, Posters and Info Stations	Austin Pearce Foyer (seating in Austin Pearce LTs 1-2)
2:00pm	Breakout session 1: <b>Unesco Open Science Principles</b> OR Breakout session 2: <b>Wellcome Research Cafe Culture</b>	Austin Pearce LT 1  Austin Pearce LT 2
3:00pm	Close	

*Quiet spaces will be available throughout the day: 9am-1pm – Austin Pearce 1 and 2; 1pm-3pm – Austin Pearce 3 and 4*

# Surrey Open Research Case Studies

## Lightning Talk 1

### A systematic review and meta-analysis to quantify weight loss in pancreatic cancer: Challenges using published research based on healthcare data

Claire A. Price

Postgraduate Researcher, School of Health Sciences

<https://orcid.org/0000-0003-3060-9821>

#### Abstract

*Introduction:* Pancreatic cancer is rare but has dismal survival rates meaning it is the sixth cause of UK cancer mortality. Often presenting with non-specific symptoms, including weight loss, makes early diagnosis when curative treatment is possible challenging. However, because weight loss (often severe) occurs in most pancreatic cancer patients, it could be a useful marker. The study aim is to quantify the pattern (amount and timing) of pre-diagnosis weight loss in pancreatic cancer, improving its utility for early detection.

*Methods:* A systematic review and meta-analysis of literature to quantify weight loss patterns in pancreatic cancer. Embase, PubMed, Scopus, Web of Science and The Cochrane Library were searched using key words including Pancreatic Cancer and Weight Loss. Observational studies containing quantitative data on pre-diagnosis weight loss were included. Risk of bias was assessed using ROBINS-I. The main outcome was weight loss. This was synthesised separately for each study-type for meta-analysis using standardised mean differences.

*Results:* 40 studies including 15 case-control studies were retrieved. Preliminary findings show that 70-75% pancreatic cancer patients experienced unintentional weight loss six months pre-diagnosis. The odds ratio of weight loss >15% is 15.40 (95% CI, 10.65-22.26). Weight loss is  $8.1 \pm 0.7$  kg with BMI change  $-1.21$  kg/m<sup>2</sup>. Greater weight loss is associated with poorer prognosis.

*Conclusions:* Quantifying the pattern of weight loss in pancreatic cancer may help clinicians to identify at risk patients. This information could also improve data-driven algorithms designed to flag high risk patients.

*Open Research Practices:* Registered the systematic review protocol on PROSPERO (CRD42022302985). Results will be published open access in a peer reviewed journal.

*Open Research Challenges:* Reported measurement outcomes lack consistency in units and conventions. Standards for reporting weight loss are required to improve research quality. Transparency is impacted with studies only presenting data graphically and unable to share original datasets.

## **Lightning Talk 2**

### **Showering Smartly**

Dr Pablo Pereira Doel

ESRC Research Fellow, School of Hospitality and Tourism Management

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#### **Abstract**

Showering is typically a water and energy-intensive consumption hidden behaviour. Reduction in shower duration can be achieved through innovative technology, and structural, contextual and behavioural changes. Thus, interventions were developed in contexts where users were not financially motivated to save water and/or energy (i.e., tourism accommodations and halls of residence). This presentation will provide a brief introduction to the open research practices adopted in this project: preregistration, preprint, and open data, materials and code.

## **Lightning Talk 3**

### **Exploring Open Research opportunities to enrich the development of a PhD project**

Tamala Anderson

Postgraduate Researcher, School of Psychology

<https://orcid.org/0000-0003-4299-6486>

#### **Abstract**

I will briefly review my exploration of Open Research activities and practices. I will share my considerations of different Open Research practices and their potential to enrich my PhD journey, investigating the psychological benefits of people's relationships to their places.

# Invited Speakers

**Professor Andrew George MBE**

**Chair of the Committee on Research Integrity, Imperial College London**



## **Research integrity: ensuring good research happens**

### **Abstract**

Integrity is central to research: high levels of integrity help research be rigorous, productive and supportive of those both working in research and its beneficiaries. Research takes place in many types of organisations and encompasses diverse disciplines and approaches. Integrity matters in all research. Promotion of research integrity across the whole sector fosters collaboration, sharing, continual improvement and learning. Promotion of research integrity also recognises and amplifies good practice.

By strengthening the focus on research integrity in existing systems and processes, everyone working in the research sector is supported in their efforts to place integrity at the heart of research. Evidence suggests that researchers want to conduct their research to high standards and so providing them with the opportunity to do so is key to research integrity. Systems and processes may help to drive good practice if integrity is part of their remit where appropriate, whether for governance processes, funding decisions, promotion or other aspects of regulation and assurance.

The UK Committee on Research Integrity's vision is that the UK has a research system in which research integrity is understood, openly discussed, and is enhanced through ongoing reflection and improvement. Enhanced integrity protects research quality and safeguards confidence in research.

In this talk I will report on the work that the UK Committee on Research Integrity is carrying out in order to accomplish this vision. I will also be discussing whether it is possible to develop an understanding of the moral purpose (telos) of research that is relevant to all research disciplines, and the virtues that are needed for good research to be done.

### **Biography**

Andrew is co-chair of the UK Committee on Research Integrity, which works across all research environments and disciplines to promote and strengthen research integrity across the UK, and in the UK's international research partnerships.

Andrew's research has been largely in immunology, where he has enjoyed working across disciplinary boundaries. He spent most of his career at Imperial College London, where in addition to running a research team looking at immunotherapy and transplantation, he was Director of the Graduate School. He was Deputy Vice Chancellor at Brunel University London, responsible for education and international relationships. He has a commitment to research ethics, working to ensure both that participants are protected and that good research is facilitated, and is currently on the Board of the Health Research Authority, where he oversaw the development of a research transparency strategy for health and social care research. He was awarded an MBE for his work in this area.

In addition, Andrew has strong interest in education, and is on the board of Health Education England, and chairs Richmond and Hillcroft Adult and Community College and Oxford Business College. Both these establishments offer opportunities to people who have not been able to engage with education. He is a trustee of the Epilepsy Society and was, until earlier this year, Chair of Imperial College Health Partners. He is also an executive coach.



**Dr Tanita Casci**

**Director, Research Strategy & Policy Unit, University of Oxford**



## **Research culture: keeping it simple**

### **Abstract**

Improving research culture seems complicated, daunting, and even impossible, but it needn't be. It helps to focus on a small number of intervention points, and to be systematic in implementing a coordinated set of actions that improves the everyday practice of how research is done.

### **Biography**

Tanita Casci is the Director of the Research Strategy and Policy Unit at the University of Oxford. The purpose of this newly established unit is to engage with developments in national and international research policy, and to facilitate corresponding initiatives at Oxford that provide a supportive and forward-thinking research environment.

Until September 2021, Tanita was the Head of Research Policy at the University of Glasgow, where she was also the institutional co-lead for research culture and the co-lead of the Lab for Academic Culture.

Previously, Tanita launched a Wellcome-Trust-funded facility for the analysis of 'big data' in biology, and for 12 years she was a commissioning editor in genetics for the Nature Publishing Group. She has a PhD in Genetics from the University of Cambridge (UK).

# Posters and information stations

Austin Pearce Foyer during coffee and lunch

## Information stations

Open Research Resource Bar: to find out all about the Open Research-related resources available at the University of Surrey including workshops and training sessions.

Faculty Librarians Information Station: to find out how the Faculty Librarians can support you with your research-related activities.

Surrey Reproducibility Society Information Station: to find out about how to join the Society and the activities on offer, including ReproducibiliTea (an Open Research-themed journal club).

## Posters

Emma Henderson: Showcasing Surrey Open Research: the benefits and opportunities

Christine Daoutis: Learning and Practising Open Research

Anna Korzeniowska: Enhancing Research Culture at the University of Surrey