

# Research Week

14.06.18 – 19.06.18



We have the power to help deliver global Sustainable Development Goals. Our impact is felt locally and internationally by communities facing some of our generation's greatest challenges.

# Welcome to the Glasgow Caledonian University research celebration

Welcome to the annual celebration exploring the combined research power of Glasgow Caledonian University's research centres, schools and community and commercial projects, all of which are making real progress towards ending poverty, ensuring health, wellbeing and prosperity for all as well as protecting the planet.



Glasgow Caledonian University is the top Modern University in Scotland for research power (REF 2014). Around £1 in every £6 of the University's turnover is invested in research and innovation. At any one time, the University is responsible for over 500 postgraduate research students; and much of our current research is funded by grants from prestigious funding bodies such as the Economic & Social Research Council, the European

Commission, the Medical Research Council, National Institute of Health Research and Wellcome Trust.

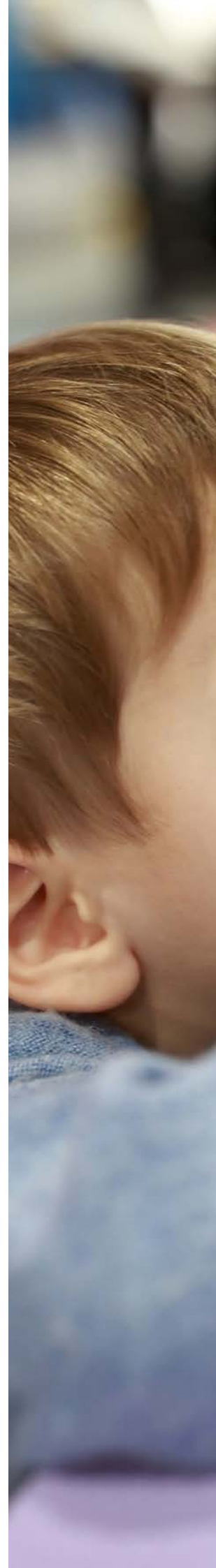
During Research Week, you can experience the science behind our latest research into dementia, superbugs, clean water and clean energy in a series of fun, interactive activities at venues around Glasgow.

It is a privilege for us to work with communities across the city to demonstrate how we can work together towards to make significant changes in the world and address the Sustainable Development Goals (SDGs) in particular. As the University for the Common Good, we align all of our research with the SDGs, issued by United Nations in 2015 and adopted by all countries. At the University, we are addressing these Goals through the research challenges of inclusive societies; healthy lives and sustainable environments.

Join us for a week of varied and exciting sessions, rounded off with a one-day conference featuring keynote speaker Louise Scott, COO of Pricewaterhousecooper's Global Sustainability Network. Louise will discuss business, higher education and the SDGs. Our research celebration would not be complete, of course, without the traditional three-minute thesis competition, introducing the work of the next generation of researchers to join us in our mission for the Common Good.

**Cam Donaldson**

Pro Vice-Chancellor Research



### **Meet the researcher**

**15.06.18 1pm** | The Barn Youth and Community Centre

Networking event with community organisations and Scotland's First Minister, Nicola Sturgeon in her capacity as MSP for Glasgow South.



### **Community science day**

**16.06.18 12pm - 3pm** | The Barn, Gorbals

There is something for everyone to enjoy at this fun-packed community science day featuring insect burgers, technology, sport and health science and a new way to generate heat!

### **Kelvingrove family day**

**17.06.18 12pm - 3pm** | Kelvingrove Art Gallery and Museum

Glasgow Science Festival takes over the Kelvingrove Museum for a weekend of fun and inspiration and on the Sunday several of GCU's research teams will be involved.

Find out more about the full programme of events delivered by Glasgow Caledonian University for the Glasgow Science Festival.

[www.gcu.ac.uk/glasgowsciencefestival](http://www.gcu.ac.uk/glasgowsciencefestival)



# Programme of events

Choose from a selection of venues and topics. Each event highlights some of the current research into issues that affect our societies, our health and healthcare and the environment and planet that we look to protect and preserve. There is something for everyone. Booking is free but recommended to avoid disappointment.



## Visualising two of Glasgow's Marys

**14.06.18 5:30pm | Deeprise Theatre,  
Glasgow Caledonian University**

In partnership with the Royal Philosophical Society Glasgow RPSG, Glasgow Caledonian University researcher; Geraint Bevan kicks off the research celebration with an evening talk on two of Glasgow's historic female scientific and political figures.

Based on current research, presentations combine the historical stories of Mary Barbour (1875-1958) and Mary Andross (1893 - 1968) featuring Sharon Thomas's art and material from the University's archive. The evening provides some context to present day Glasgow and what we can expect in the future. Presenters include artist Sharon Thomas, senior archivist Kirsty Menzies and researchers from the Women in Scotland's Economy WISE research group. RSPG members and general public welcome.

<https://www.eventbrite.co.uk/e/visualising-two-of-glasgows-marys-how-women-have-shaped-and-are-shaping-the-politicaland-tickets-44407160011>

# Building inclusive societies



## PhD student conference

**18.06.18 2.00pm**

Centre for Education Excellence,  
Glasgow Caledonian University

The School for Engineering and Built Environment is proud to present this year's postgraduate research conference. This event provides a fantastic opportunity for early career researchers and current PhD students to find out more about the diverse range of research taking place across the school.

Attendees can expect poster presentations, oral presentations from some of the more advanced PhD students, a chance to network and to hear from a University alumnus on their experience of transitioning from PhD to professional employment.

<https://www.eventbrite.co.uk/e/research-in-sustainable-environments-rise-2nd-postgraduate-conference-tickets-45678756390>



## Symposium of research excellence in equalities, social justice and social innovation

**19.06.18 9:30am**

Glasgow Caledonian University

The Glasgow School for Business and Society has invested in a range of research projects exploring various aspects of and advancing expertise in social justice, equality issues, social innovation and public policy. This symposium showcases and celebrates the expertise within the school on these issues and challenges. It provides an opportunity for the research and policy community within and beyond the University to learn more about the varied portfolio of projects which have been supported by investment from the school's Research Excellence Grant REG.

<https://www.eventbrite.co.uk/e/research-week-9-symposium-research-excellence-in-equalities-social-justice-and-social-innovation-tickets-45800226711>



## Common threads in CommonHealth

**19.06.18 9:30am**

Glasgow Caledonian University

This Knowledge Exchange event will be hosted by researchers on the CommonHealth programme, and will provide an opportunity to hear more about our results and how the team have started to thread these together across the programme of research.

The event will provide the opportunity for feedback and group participation in weaving together common threads to create a tapestry of research findings.

CommonHealth is a five year collaborative research project which aims to develop methods to evaluate new pathways to health creation and health inequalities reduction arising from social enterprise.

Having investigated different aspects of social enterprise work, such as Self Reliant Groups, initiatives in remote and rural communities, and the experiences of the over 50s the CommonHealth team are now considering how the findings from individual projects can be brought together to form concluding messages.

The event closes at 12.15pm with a finger buffet lunch and an opportunity for networking.

<https://www.eventbrite.co.uk/e/research-week-common-threads-in-commonhealth-tickets-45800106351?aff=es2>

# Creating sustainable environments



## Strategy for change

**14.06.18 - 15.06.18**  
**9:30am registration**  
Glasgow Caledonian University,  
Student's Association

For the last two and a half years, the Strategy for Change project has been developing methodologies for embedding social innovation into student leadership programmes, combining entrepreneurial skills, design thinking and an awareness of how to effect social change in order to prepare the innovators of tomorrow.

This final dissemination event not only aims to showcase the results of the project, hearing the experience of both students and practitioners - it also seeks to bring together a range of actors - social innovators, academics, students and enablers - to discuss how universities can support social innovation within their communities.

<https://www.eventbrite.com/e/strategy-for-change-tickets-45623412856>



## Can micro-finance achieve climate justice?

**18.06.18 2.00pm**  
Glasgow Caledonian University

A workshop and panel discussion on addressing knowledge gap in achieving access to energy for all. The workshop will specifically explore whether micro-finance and technological innovation can achieve climate justice. This workshop will be of interest to those from engineering, smart technology, computing, social scientists and environmentalists.

The workshop will be chaired by Dr Michael Mikulewicz and bring together PhD students Usman Modibbo (green-micro-finance) and Daria Freier (Climate justice, technology and energy access).

<https://www.eventbrite.co.uk/e/research-week-5-can-micro-finance-achieve-climate-justice-tickets-45799812472>



## Beam Centre - successful industry challenge projects

**18.06.18 4.00pm**  
Glasgow Caledonian University

The BEAM Centre event highlights successful case studies of industry-relevant innovation challenges addressed by our staff and researchers with a view to stimulating the identification of further challenges and project proposals.

We will highlight recent work including; Optimising Effective Use of Complex Off-Grid Renewable Heat Systems within a Social Housing Context, Dr M Phillipson; Scoping Study to Develop a 'Root-Cause' Mapping Tool for Construction Waste, Dr K Lawani; Crane Erect OSM and Site Efficiency Study Programme, Dr M Tong; Green4Brown, Dr A Ollauri; and Healthcare Asset Quality Indicators Project, Laura Labajos.

<https://www.eventbrite.co.uk/e/research-week-7-beam-centre-outward-looking-session-tickets-45800066231>

# Developing healthy lives



## What can be done to

### reduce the impact of Adverse Childhood Experiences ACEs?

**18.06.18 10.00am**  
Glasgow Caledonian University

What impact do ACEs have on the short-time and long-term health and wellbeing of children and adults? Defined as stressful events that occur when a child is growing up, examples of ACEs include; exposure to alcohol or drug use problems; physical, sexual and/or emotional abuse; neglect; separation or divorce; a family member being in prison; and, living with a parent or carer who has a mental health problem.

Led by researchers from the University's parenting and family support research programme, and public health colleagues working in external agencies, information on current policy initiatives will be shared. This will be followed by a discussion of findings from three recently completed studies that sought to develop and evaluate interventions to reduce the impact of ACEs.

<https://www.eventbrite.co.uk/e/research-week-2-what-can-be-done-to-reduce-the-impact-of-adverse-childhood-experiences-aces-tickets-45798043180>



## Women, men and

### alcohol - exploding the myths

**18.06.18 10.00am**  
Glasgow Caledonian University

This event will show why gender is important in understanding drinking, alcohol-related harm, recovery and family support. We will explore the double standards which are applied to men and women's drinking, the ways in which alcohol marketing targets men and women, and why gender matters in terms of family support and recovery.

This session is led by the Substance Use & Misuse research group at Glasgow Caledonian University and Scottish Families affected by Alcohol & Drugs, and includes expert input from Alcohol Focus Scotland, and families who have been affected by substance use.

<https://www.eventbrite.co.uk/e/research-week-3-women-men-and-alcohol-exploding-the-myths-tickets-45799126420>



## Cool Music a bottom-up

### music intervention for heard-to-reach young people in Scotland

**18.06.18 2.00pm**  
Glasgow Caledonian University

Join us for this event exploring how the Community Orientated and Opportunity Learning COOL Music project has helped engage groups of hard-to-reach young people in central Scotland to improve their health and wellbeing.

Researchers at the University will provide an overview of the project, highlighting key findings thus far, before passing over to our creative partners, Heavy Sound who will explain their approach and evidence its success. The event will showcase some of the songs written by participants, with selected examples being performed live by Heavy Sound musicians.

<https://www.eventbrite.co.uk/e/research-week-6-cool-music-a-bottom-up-music-intervention-for-hard-to-reach-young-people-in-scotland-tickets-45799399236>

# Final day celebrations

## Keynote Speech, Louise Scott COO, Pricewaterhousecooper's Global Sustainability Network

**19.06.18 1:00pm**  
Glasgow Caledonian University



Louise has had a wide ranging career with PwC, and extensive international experience and networks, built through her 26 year career with PwC. She has spent the past 7 years working within the Sustainability and Climate Change team, most recently as COO for the Global Sustainability team and leader of PwC's SDG expertise. This work has included the development of the SDG Navigator diagnostic tool and its public online version the SDG Selector, together with guidance materials such as the SDG Guide for Business and also the recent SDG Reporting Challenge - analysing the sustainability and corporate reports of nearly 500 companies worldwide in relation to their disclosures on the SDGs. Louise has recently co-authored the UNPRI SDG Investment Case, and has also worked with the team supporting the UNGC/GRI Action Platform on the SDGs and its publication of the Business Reporting on the SDGs: An Analysis of the Goals and Targets.

Louise is a member of the UKSSD Steering Committee, the UNPRI SDG Advisory Committee, the ICAEW Sustainability Committee and the BVCA Impact Investment Advisory Committee. Louise qualified as a Chartered Accountant with PwC, following which she spent time in International Tax Structuring and 10 years in Corporate Finance, focusing on merger and acquisition advice particularly in the Retail and Consumer Goods sector.

She then spent four years working as Chief of Staff to the Senior Partner of PwC UK, particularly focused on the strategy for the UK firm and international collaboration with the PwC Global Leadership team.

<https://www.eventbrite.co.uk/e/research-week-11-louise-scott-tickets-45804884643?ref=ecal>

## Three minute thesis final

**19.06.18 2:00pm**  
Glasgow Caledonian University

An exciting finish to the final day, watch quick-fire thesis presentations from the University's PhD students taking part in the national three minute thesis competition.

<https://www.eventbrite.co.uk/e/research-week-3-minute-thesis-competition-tickets-46107124651>





# Developing healthy lives



## Reducing drug-related deaths in Scotland: Learning from the Canadian experience

**18.06.18 13:00pm**  
Glasgow Caledonian University

Glasgow Caledonian University and the Drugs Research Network Scotland (DRNS) are delighted to host the internationally renowned Professor Jane Buxton for a special half-day seminar on reducing drug-related deaths.

Jane is a Professor in the School of Population and Public Health at the University of British Columbia (BC), Canada and harm reduction lead for the British Columbia Centre for Disease Control. She is engaged in quantitative, qualitative, and participatory research with marginalised populations ensuring people who use drugs are involved in developing priorities for research, policy, and harm-reduction program evaluation.

<https://www.eventbrite.co.uk/e/reducing-drug-related-deaths-in-scotland-learning-from-canadian-experience-registration-45908786416>



## Making difficult decisions about healthcare resource allocation

**18.06.18 10.00am**  
Glasgow Caledonian University

All health systems face the same fundamental, moral dilemma: given that healthcare resources are scarce in relation to demand for them, how should they be allocated?

As advances in medicines produce an increasingly 'high-tech', high cost range of available goods and services, and as pressure on public funding increases, debates about the fairness of healthcare provision have played out in the media as well as in academic and policy circles. The experts that help make these decisions are experienced healthcare professionals. But they cannot be expected to be solely responsible for the ethical framework within which decisions are made. This interactive event will examine the background of how value assessments are made, and the role for public and patient engagement in these decisions. We will ask you what it is that you value, and examine how society might be able to really have its say.

[www.eventbrite.co.uk/e/research-week-1-making-difficult-decisions-about-healthcare-resource-allocation-tickets-45799200642](https://www.eventbrite.co.uk/e/research-week-1-making-difficult-decisions-about-healthcare-resource-allocation-tickets-45799200642)

## Celebration of GCU research networking lunch

**19.06.18 12:15pm**  
Glasgow Caledonian University

Researchers, friends and partners can round up the event with the opportunity to reflect on the proceedings and share experiences over lunch.

<https://www.eventbrite.co.uk/e/research-week-10-celebration-of-gcu-research-networking-lunch-tickets-45801539638>

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|------------------------|--|
| 14.06.18               | <b>Visualising two of Glasgow's Marys</b><br>Glasgow Caledonian University, Deeprise Theatre<br><a href="http://www.gcu.ac.uk/glasgowsciencefestival/">www.gcu.ac.uk/glasgowsciencefestival/</a>   |
| 14.06.18<br>- 15.06.18 | <b>Strategy for change</b><br>Glasgow Caledonian University, Students Association<br><a href="http://www.eventbrite.com/e/strategy-for-change-tickets-45623412856">www.eventbrite.com/e/strategy-for-change-tickets-45623412856</a>  |
| 16.06.18               | <b>Community science day</b><br>The Barn, Gorbals<br><a href="http://www.gcu.ac.uk/glasgowsciencefestival/">www.gcu.ac.uk/glasgowsciencefestival/</a>  |
| 18.06.18               | <b>PhD student conference</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-4-phd-student-conference-tickets-45799517590">www.eventbrite.co.uk/e/research-week-4-phd-student-conference-tickets-45799517590</a>   |
| 18.06.18               | <b>Making difficult decisions about healthcare resource allocation</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-1-making-difficult-decisions-about-healthcare-resource-allocation-tickets-45799200642">www.eventbrite.co.uk/e/research-week-1-making-difficult-decisions-about-healthcare-resource-allocation-tickets-45799200642</a>  |
| 18.06.18               | <b>Can micro-finance achieve climate justice?</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-5-can-micro-finance-achieve-climate-justice-tickets-45799812472">www.eventbrite.co.uk/e/research-week-5-can-micro-finance-achieve-climate-justice-tickets-45799812472</a>   |
| 18.06.18               | <b>Beam Centre - Successful Industry Challenge Projects</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-7-beam-centre-outward-looking-session-tickets-45800066231">www.eventbrite.co.uk/e/research-week-7-beam-centre-outward-looking-session-tickets-45800066231</a>   |
| 18.06.18               | <b>What can be done to reduce the impact of Adverse Childhood Experiences ACEs?</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-2-what-can-be-done-to-reduce-the-impact-of-adverse-childhood-experiences-aces-tickets-45798043180">www.eventbrite.co.uk/e/research-week-2-what-can-be-done-to-reduce-the-impact-of-adverse-childhood-experiences-aces-tickets-45798043180</a>                           |
| 18.06.18               | <b>Women, men and alcohol - exploding the myths</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-3-women-men-and-alcohol-exploding-the-myths-tickets-45799126420">www.eventbrite.co.uk/e/research-week-3-women-men-and-alcohol-exploding-the-myths-tickets-45799126420</a>   |
| 18.06.18               | <b>Cool Music a bottom-up music intervention for hard-to-reach young people in Scotland</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-6-cool-music-a-bottom-up-music-intervention-for-hard-to-reach-young-people-in-scotland-tickets-45799399236">www.eventbrite.co.uk/e/research-week-6-cool-music-a-bottom-up-music-intervention-for-hard-to-reach-young-people-in-scotland-tickets-45799399236</a> |
| 18.06.18               | <b>Reducing drug-related deaths in Scotland: Learning from the Canadian experience</b><br>Glasgow Caledonian University<br><a href="https://www.eventbrite.co.uk/e/reducing-drug-related-deaths-in-scotland-learning-from-canadian-experience-registration-45908786416">https://www.eventbrite.co.uk/e/reducing-drug-related-deaths-in-scotland-learning-from-canadian-experience-registration-45908786416</a>                                       |
| 19.06.18               | <b>Symposium of research excellence in equalities, social justice and social innovation</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-9-symposium-research-excellence-in-equalities-social-justice-and-social-innovation-tickets-45800226711">www.eventbrite.co.uk/e/research-week-9-symposium-research-excellence-in-equalities-social-justice-and-social-innovation-tickets-45800226711</a>         |
| 19.06.18               | <b>Common threads in CommonHealth</b><br>Glasgow Caledonian University<br><a href="https://www.eventbrite.co.uk/e/research-week-common-threads-in-commonhealth-tickets-45800106351?aff=es2">https://www.eventbrite.co.uk/e/research-week-common-threads-in-commonhealth-tickets-45800106351?aff=es2</a>  |
| 19.06.18               | <b>Celebration of GCU research networking lunch</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-10-celebration-of-gcu-research-networking-lunch-tickets-45801539638">www.eventbrite.co.uk/e/research-week-10-celebration-of-gcu-research-networking-lunch-tickets-45801539638</a>   |
| 19.06.18               | <b>Keynote Speech, Louise Scott</b><br>Glasgow Caledonian University<br><a href="http://www.eventbrite.co.uk/e/research-week-11-louise-scott-tickets-45804884643?ref=ecal">www.eventbrite.co.uk/e/research-week-11-louise-scott-tickets-45804884643?ref=ecal</a>   |
| 19.06.18               | <b>Three minute thesis final</b><br>Glasgow Caledonian University<br><a href="https://www.eventbrite.co.uk/e/research-week-3-minute-thesis-competition-tickets-46107124651">https://www.eventbrite.co.uk/e/research-week-3-minute-thesis-competition-tickets-46107124651</a>   |

# Open Days

Open days at Glasgow Caledonian University let you explore the campus of one of the world's top modern universities.

**Postgraduate and part-time study**  
Wednesday 14th November 2018

**Undergraduate study**  
Friday 31st August & Saturday 6th October

Open days are a great way to meet staff and students and get help with applications, courses, funding, study and living arrangements.

[www.gcu.ac.uk/opendays](http://www.gcu.ac.uk/opendays)



# Top modern university in Scotland for research power

(Ref 2014)



University for the Common Good

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Cowcaddens Road, Glasgow  
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