

Connecting Science



Julian Rayner

We aim to enable everyone to explore genomic science and its impact on research, health and society

Dialogue & Communication



>12,000 people had 1 to 1 interactions with campus scientists in 2018

Demand is growing

Conference Centre

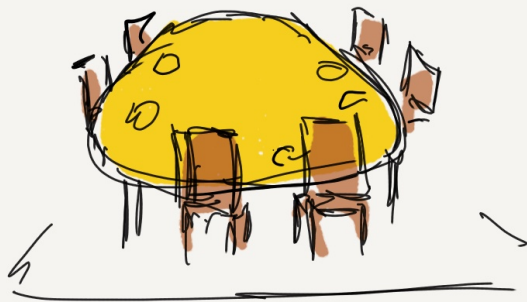
Linda Prior

Wellcome Campus
Conference Centre

24 hour on site maintenance

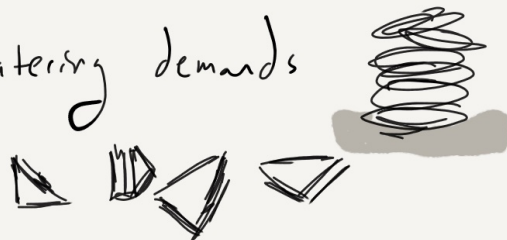


Grounds Maintenance



434 events in the last year

Catering demands



Society + Ethics Research

Anna Middleton

Policy + Impact

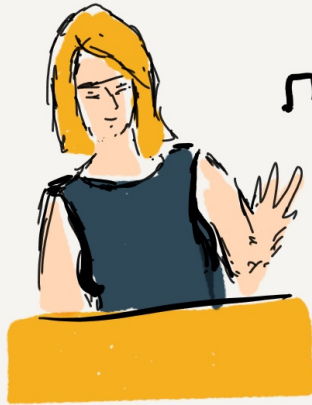
Research

Your DNA Your Say

Largest ever survey
on public attitudes
to genomics

Forward reaching ethics

Connecting genomics
to nursing



Genomic music
- music as a metaphor
to help understand
genomics
- Ipad App

Encouraging development
+ training of genetic
counsellors

Advanced Courses + Scientific Conferences

Darren Hughes

30 years
1988 - 2018

Need for training

2001 - Genome Informatics
Conference

Global courses




> 40,000 attendees

2009 - Linux virtual machines



New technologies

- ML10U 

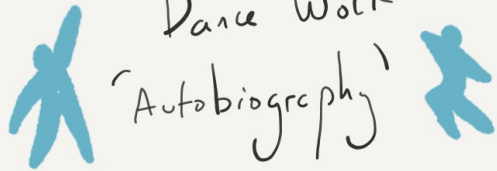
 Gender
Equality
Policy

New online courses

Public Engagement

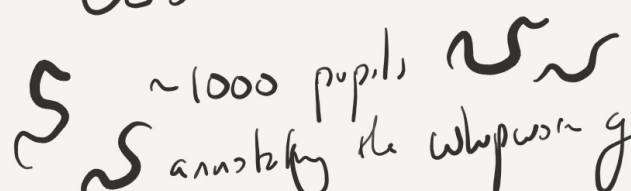
Kenneth Skeldon

Dance Work
'Autobiography'



Orkney Science Festival

Genome Decoders
~1000 pupils
annotating the whole genome



#STEMambassadors
~100 ambassadors



ENGAGE WEEK

- shared ownership
of public engagement

Genomic Expressions Exhibit



Educator Meeting List

NUCLEUS project

Communicating Science to non-experts in the 'post-truth' world

Academics have a duty to stand up for the truth

DEEP
IMPACT



If you only have space to save 1 million people, who would you save?

- Let others know why what you do is important
get your ass on the work!

Obesity Research

Body Weight = ~70% heritable

Giles Yeo

"Do you believe me?"



Practice your soundbites!

Science - it's true whether or not you believe it

- but we have to take leaps of faith outside our area of expertise

We trust the person who fixes our car

Consensus is the key
but it's slow

We want fast, easy answers

A space for alternative facts

How we tell the truth also matters

Editorial control



Audience size

Don't be arrogant

Connecting Science Awards for Public Engagement

Innovator Prize - Winner = Maria - Worm Hunters



Excellence Prize - Winner = Fabrice Galban



Engaged Team Prize

Winner

Genome Decoders

manual curation of whipworm
- A-level students

