Outreach and Engagement as a student.

Ella Hubber
Why is Public Engagement important?

Veracity Index 2019 – all professions

“Now I will read you a list of different types of people. For each would you tell me if you generally trust them to tell the truth, or not?”

- Nurses: 99%
- Doctors: 93%
- Dentists: 96%
- Teachers: 89%
- Journalists: 93%
- Professors: 86%
- Scientists: 86%
- Members of the Armed Forces: 86%
- The ordinary man/woman in the street: 86%
- Civil Servants: 86%
- Clergy/priests: 84%
- Television news readers: 66%
- Politicians: 66%
- Trade union officials: 65%
- Charity chief executives: 65%
- Bankers: 64%
- Estate agents: 64%
- Government Ministers: 46%
- Advertising executives: 46%
- Politicians generally: 17%

% trust to tell the truth

- To inform the public
- Increase transparency
- Build understanding and appreciation
- Gain trust and support
MMR safe? Baloney. This is one scandal that’s getting worse

CORONAVIRUS: MORE THAN A FIFTH OF PEOPLE IN ENGLAND BELIEVE COVID-19 IS A HOAX

Those who believe conspiracies are less likely to comply with social-distancing guidelines, scientists say
Why is Public Engagement important?

- To inform the public
- Gain trust and support
- Build understanding and appreciation
- To inspire young people
- Stimulate interest
- Encourage research careers
- To collaborate and consult with the public
- Fresh perspectives and insights

King’s STARS
The recipient of our Outreach and Engagement Award for New Researcher is @EllaHubber from @KingsCollegeLon for her amazing islet transplantation hands-on activity. Well done Ella! Listen as she talks more about her work #RSBawards #BiologyWeek
Building It

1. The activity will begin by briefly explaining what is insulin dependent diabetes mellitus (IDDM). Patients have antibodies that destroy the insulin-producing beta cells in the pancreas. These antibodies will destroy healthy beta cells.

2. Participants will dissection a rat pancreas and place the beta cells in a petri dish to represent a patient's pancreas.

3. Participants will choose a bin to represent the patient's blood vessels. They will then place the beta cells into the selected bin.

4. Participants will create a small model of the liver, pancreas, muscle, spleen, and kidney using a variety of materials. They will place these organs into the patient's blood vessels to represent the patient's blood flow.

5. Participants will place the patient's blood vessels into a petri dish to represent the patient's blood flow. They will then place the beta cells into the patient's blood vessels to represent the patient's blood flow.
Testing It Out
Taking it Out

SfE BES 2019 Conference

Evelina Inspiring Youth Conference

New Scientist Live
Funding:

Universities:
- UCL Beacon Bursaries up to £1000
- Imperial Social Engagement Seed Fund up to £2000
- Queen Mary public engagement small grants up to £1000

Learned Societies:
- RSB Outreach and Engagement Grant Scheme up to £500
- Royal Society Chemistry up to £2000
- Institute of Physics up to £3000
- The Physiological Society up to £500
- The Royal Society up to £3000

Charities (e.g. Wellcome Trust) + Research Councils (e.g. STFC)

Applications:
- Aims and objectives
- Audience
- How will your audience benefit?
- How will you benefit?
- Timeline
- Costing
- Evaluation
Public Engagement and Outreach Departments

Partnerships and Regional Engagement
Home > Partnerships and Regional Engagement > Public Engagement

University of York
Events and public engagement

Manchester
An engaged university
At Manchester, public engagement means the many ways we share ideas and research; inspire discussion, debate and creativity; and involve the public with our work.
Getting Involved

Cancer Survivor’s Day

Stich and Stem: Embroidery Workshop

STEM for Britain

Sci-Fi Festival Panel

Speaker @ Evelina

SC@L Podcast

StemCells@Lunch Digest
Darrion Nguyen @lab_shenanigans - Sep 2
when the p-value is less than 0.05

Royal Society of Biology @RoyalSocBio - 1h
Get creative and submit a drawing, collage or sculpture for our BioArtAttack 2020 competition: buff.ly/2Cq3BBQ

BioArtAttack is back!
Get creative and start making some biology masterpieces as part of this year’s BioArtAttack competition!

Entries will be judged on the variety of materials and skills used, originality, and how well your model captures your chosen subject matter.
Anything and everything creative is eligible for submission, just send us photos of your amazing art!

Entries close 30 November 2020
rsb.org.uk/creatattack

Black In Neuro 2020 Mini-Conference
October 31-November 4

Black In Neuro (#BiNConference2020 Oct 31-Nov 4!)
@BlackInNeuro
Highlighting Black excellence in neuro
See website for #BlackInNeuro profiles & events!

Check out our friends @blackinphysics and @BlackWomenInAI this week!

blackinneuro.com  Joined July 2020
Benefits of engaging with the public

To collaborate and consult with the public
  • Shape your research

Skills:
  • Communication: presenting, writing, teaching
  • Project management: design and deliver projects, organisation

Competitive edge in PhD applications
  • STEM ambassador
  • Pint of Science

Required for many grant applications
Too much to handle?
Thank you for listening.

Need help? Contact details:
ella.hubber@kcl.ac.uk
@ellahuber