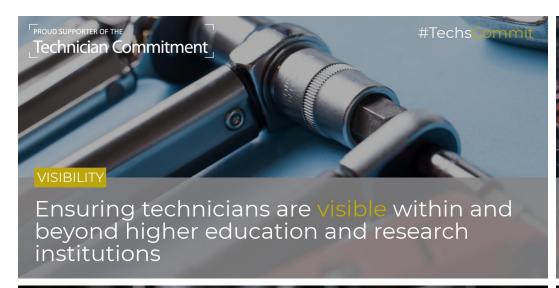
Technicians: Providing Frontline Support for Student Mental Health

Simon Breeden, Technician Commitment

Virtually Liverpool

12 November 2020









Update on Progress

- Expecting Phase I & 2 second stage Self-Assessments & Action Plans in December 2020
- Expansion of Peer Reviewers
 - Training held in October 2020 and another session scheduled for November 18th
- Programme Evaluation (Evaluating Impact: the fifth pillar)

Wider dissemination activities:

- THE Awards Outstanding Technician of the Year 2020
- Royal Institution Christmas Lectures Technician Placements
- Policy: Government R&D Roadmap Response, Brexit planning
- COVID-19: The Impact on Technicians in Higher Education and Research

Welcome to Phase <u>Seven</u> – announced 22nd June 2020!





"Our technical professionals are fundamental to University life, they are a highly skilled workforce that offer specialist knowledge and practical experience essential to supporting teaching and cutting edge research. I am delighted to have signed the Technician Commitment for Heriot Watt University and look forward to building on the progress and future of our Technicians community"

Professor Richard A. Williams, Principal and Vice-Chancellor, Heriot Watt University



Outstanding Technician of the Year

Outstanding Technician of the Year Sponsored by Technician Commitment

David de la Haye, Newcastle University

Paul Driver, Anglia Ruskin University

Jane Hubble, Cranfield University

Matt Lewis, Staffordshire University

Samantha McCormack, Buckinghamshire New University

Áine McGuckin, Queen's University Belfast

Jan Timms, Sheffield Hallam University

John Waters, University of Liverpool





COVID19

Program

Research Resources

< Back to News

MEMBERS OF THE UK'S FIRST POLICY COMMISSION FOCUSED ON VITAL TECHNICAL COMMUNITY NAMED

Leading experts across the higher education and research sector are named as commissioners on the country's first policy commission focused on the advancement of the sector's 30,000 strong technical community.

Technicians play an integral role in academic research, including supporting the UK's scientific response to COVID-19, and in the longer term, enabling pioneering research and development to support the recovery of the UK economy and underpinning the country's investment aspirations of reaching 2.4% of GDP in R&D.



https://www.mitalent.ac.uk/

TALENT POLICY COMMISSION



Professor Sir John Holman
Chair of the TALENT Policy
Commission



Mat Beardsley
Precision Development
Facility Manager, RAL Space



Nicola Atkinson Isotope Support Scientist, British Geological Survey



Nigel Towers Head of Strategy, Marketing and Sales, Thales Alenia Space UK



Nishan Canagarajah

President & Vice-Chancellor of the University of Leicester



Paul Lewis
Professor of Political
Economy, King's College
London



Rory Duncan

UKRI Director, Talent and
Skills



Steven Hill Director of Research, Research England



Tim Savage

Head of Academic
Development Planning,
University for the Creative



Debra Humphris
Vice-Chancellor, University of
Brighton and Chair of
University Alliance



Pro-Vice-Chancellor-Aerospace, Transport, Manufacturing, Cranfield



Helen Pain

Acting Chief Executive, Royal Society of Chemistry



James Hetherington

Director of e-Infrastructure,

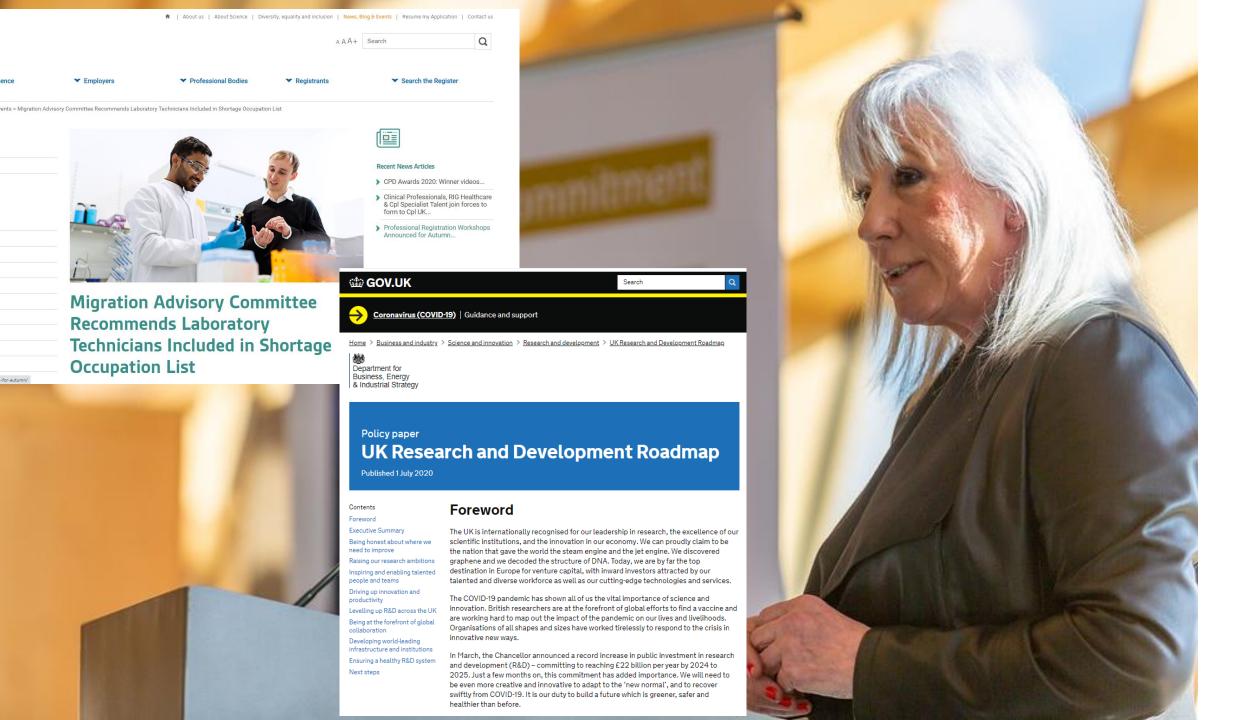


Jennifer Allen
Programme Manager, Gatsby
Foundation



Jiteen Ahmed

Head of Technical Services,
Aston University





















Case Studies

STFC Technicians help deliver thousands of ventilators nationwid

Science and Technology Facilities Council (STFC) technicians helped deliver 13.437 ventilators as part of the Ventilator Challenge UK, more than doubling the si available to the NHS.

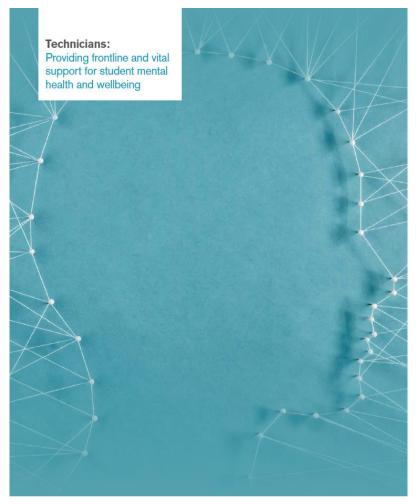
Initially STPC technicians helped to develop a training manual for testing and calibrating Penion's ventilator to ensure its safe and successful use in hospitals.

The STFC team of "super trainers", based in Harwell, Oxfordshire, lied the training of hundreds of others to tes the new ventilators produced by Fenton at its nearby fac The losting team monitored pressure and air flow through the wentilator while I stitlated and deflated a set of steel "langs". A larger STEC learn of more than 70 people, including schroidines, engineers and scientists, continued to less the ventilators throughout production and provided essential logistics services during the project.

The consortium of UK aerospace, motorsport, automotive and medical businesses delivered critical Perion ESO 2 and Smiths pear APCTM blue ventilators to the NHS from 19 March, with the last adjected of finished ventilators discontined on Sunday 5 July























Introduction

Student mental health

Montal health issues are on the rise amongst student communities in UK higher education (HE), with recent reports working across UK HEIs*. The technical stating that one in four students have been community has a vast range of job affected by a mental health condition. The number of student suicides is increasing technologists, experimental officers. and the number of students dropping out of HE because of a mental health issue has more than trebled in recent years². Several surveys also suggest that mental health issues are substantially more prevalent in postgraduate research students (PGRs). Recent research highlights that rates of depression and anxiety are up to six times higher among both university staff and postgraduate students having a higher risk of having or developing a mental health condition, compared to other working populations4. UK Higher Education Institutions (HEIs) tend to have counselling services which provide a range of services to staff, students and PGRs. Many are under strain, which may in part be related to waiting times for NHS counselling services, accessed via GPs^a. Over the past few years, there has been in recognition of the crucial roles that academic and student services staff can play in supporting students with mental health issues, and signposting students to further support. Universities UK recently advocated a 'whole university approach's to 'transform cultures and embed mental health initiatives'. Provision is being put in place to ensure that staff are equipped to enable them to support students accordingly. For example, Mental Health First Aid (MHFA) England has produced a whole university framework for mental health?. While this is very positive, there has been very little focus or research to date on a community of staff across UK HE who support students on a frontline and regular basis - the technicians.

The technical community

Current data, whilst limited, suggests and is recognised as being critical to the success of the UK's HE sectors.

A highly skilled workforce with a diverse range of expertise, technicians underpin the primary activities of HEIs, providing the technical excellence essential for research, teaching and knowledge transfer. Alongside this, many technicians role in the development of technical skills in research, academia and/or industry. Frontline support

are in student-facing roles and, whilst their technical expertise and practical support is an essential part of the be the first to get to know students

more informally in their respective learning and research environments. This frontline nature of their roles means that they are often the first to notice a might be the first staff member a student reaches out to. For example, in a research setting, it may be the technician who few days: who sees an experiment or wrong again (and again, and again); or who realises that someone is repeated working alone over weekends and out of important and often unrecognised pastoral support, contributing to students personal, social and wellbeing needs. They also act as positive role models and signposting to social and academic care is crucial to providing students with

Working together

career development and sustainability and in inspiring and nurturing students. the Science Council, Institute of Physics (IOP), the Royal Society of Biology (RSB), the Royal Society of Chemistry (RSC), the University of Nottingham and the University of Liverpool are workin together to identify and highlight the roles that technicians play in supporting students' mental health and wellbeing. Together we aim to shine a light on, and addition to their vital technical skills, they success of HEIs, and to the wellbeing

For the first time, this report outlines the extent to which technicians are supporting students in this way, and offers a number of recommendations to the higher employers and to technicians themselves in order to ensure that all involved are fully supported. While it is essential that we value and invest in the skills and also need to recognise the additional, traditionally unseen, pastoral role they pla in actively supporting student wellbeing.

How might we use TC to support health & wellbeing of technical community?

- Support each other: provide a forum for networking (we're all in this together)
 - Signatory Events and other initiatives such as the tech-connect meetings
 - Fantastic feedback from the signatory event (150 attendees): energising, positive, great to chat,
- Policy: engagement with Government; Office for Students; HEI funders, UKRI, research culture
- Senior management awareness that technicians are part of the solution
 - Report demonstrates the scale and sector level of the challenge
- Signpost resources to the sector (both to HEIs and technicians)
 - Charlie Waller Memorial Trust (see previously!)
 - Student Minds
 - Student Space
- Share best practice.....







We're talking mental health

How might TC signatories use their TC affiliation to promote better wellbeing for their technicians and in turn their students and other staff?

- Raise awareness that technicians are actually providing this support across the sector now
 - Many (all?) technicians are providing pastoral support but it is rarely recognised (not in JDs)
 - Particularly for student facing roles: technicians in teaching labs
 - Supporting anecdotal evidence is strong: we will all have stories
 - Technicians are the neutral touch point to the institution; more so than academic staff
- Identify solutions in TC action plan to address this (VC sign off is required) including:
 - Provide support for technicians themselves
 - Delivery of in-house mental health training
 - Develop peer support networks for technicians
- Talk about mental health support of, and by, technicians, it's good to talk
- Share best practice.....



Random thoughts from the day

- Culture change is required
 - Embed support mechanisms
 - UG become PGR, ECR, PI, Prof....
 - Reinforce at PGR specifically (PhD ≠ stress)
- Critical to address increase of mental health problems as progress up education levels
- Technicians 'keen to share' (report)
 - Need to give a forum/voice for this
 - 'Meet fellow technicians' in similar situation
 - COVID has enabled digital connectivity: good!
- Why do students report supervisory issues to technicians? (neutral touch point)
 - "Jonny/Jenny on the spot"

- Training, training and training
- Build mental health training into induction
- Management awareness of criticality
 - Time to attend; workload management
- Support technicians themselves
 - Train the trainer, support the supporter
- Know your limits (MHFA)
 - Signposting: find out where to point now
- Some training (even light) is better than none
- Technicians are institutional consistency, honesty, approachability, not an authority figure, supportive
- Community......



Technicians: Providing Frontline Support for Student Mental Health www.technicians.org.uk/technician-commitment/resources/technicians-student-well-being Virtually Liverpool

12 November 2020