

Authors: Katrina Davis, Ewan Carr, Carolin Oetzmann, Nicol Bergou, Jaya Chaturvedi, Sumithra Velupillai and Matthew Hotopf





#### **Aims**

- •To study the impact of the COVID-19 pandemic on health and wellbeing outcomes among KCL staff and PGR students
- •To identify unmet needs among KCL staff and PGR students related to the pandemic response at KCL as they emerge

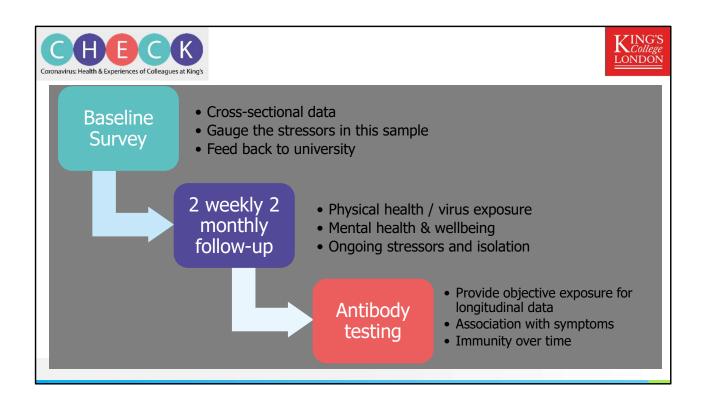
### **Methods**

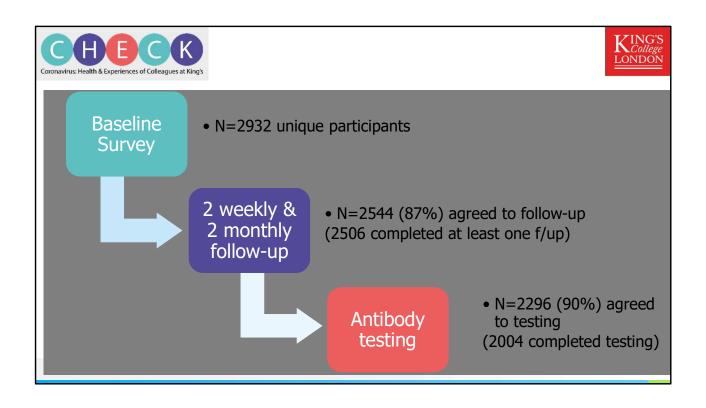
- Cohort study
- •Recruited by "all staff" email to staff and PGRs, underlying population characteristics known
- •Qualtrics survey of (mainly) validated scales and space for free-text to be interpreted by qualitative methods and natural language processing
- •Antibody test kits mailed to participants

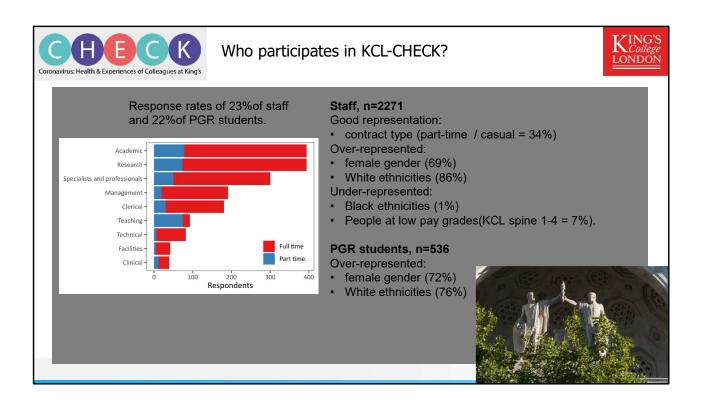
## This talk

- Take-up and participation
- Work stress, worries and losses of colleagues at King's
  - as revealed by quantitative and qualitative analysis
- Interim results on baseline mental health
- Impact and next steps



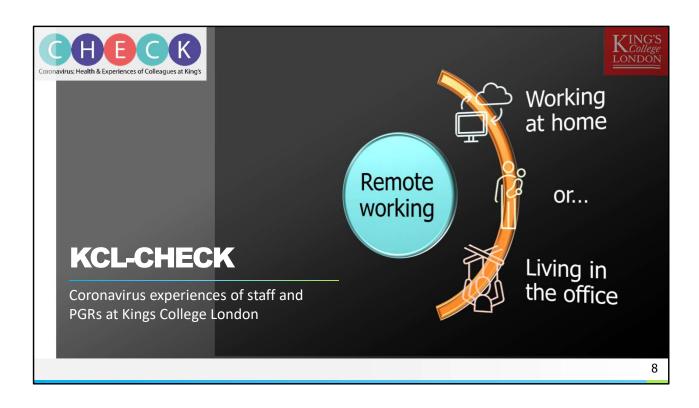


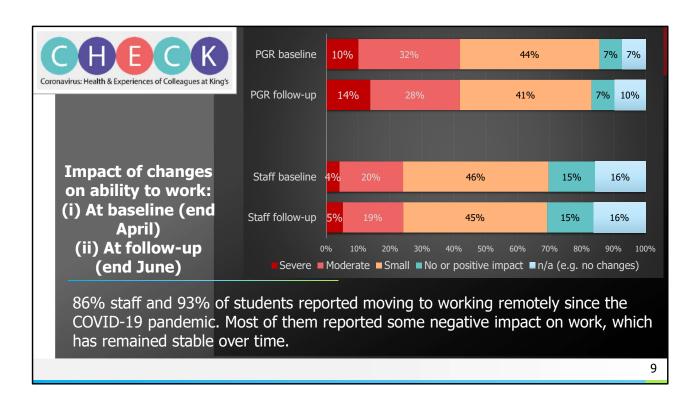


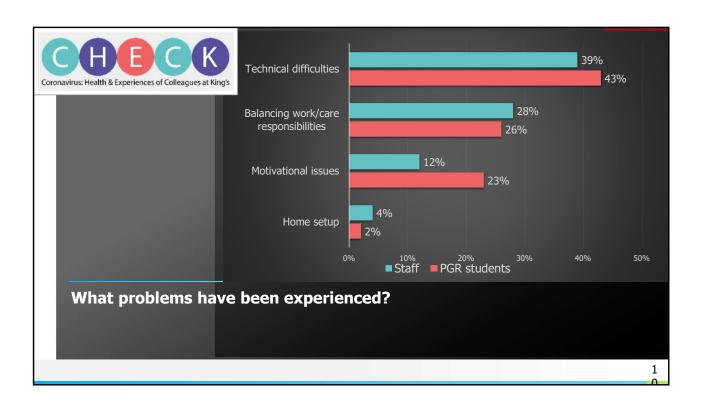


Recruitment by email was good (nearly a quarter of staff), but the under-recruitment of people from BAME (especially Black) backgrounds and low pay grades means we need to be aware that there will be problems with the representativeness of these groups, which could affect the reliability of some breakdowns.

#### KCL-specific questions as Once (end April) Every fortnight Every two months Virology needed • Antibody testing every 2/3 months (started July) • COVID-19 • Impact of COVID-• Topics included so Demographics 19 (work challenges, social isolation, etc) symptoms far: Mental and physical health hx • Depression KCL comms (PHQ9) • Furlough • Experiences of COVID-19 Anxiety (GAD7) • Return to work • Alcohol & • Tackling inequality Neurological sx Loneliness • and more... **KCL-CHECK** surveys Protocol medRxiv preprint https://doi.org/10.1101/20 20.06.16.20132456

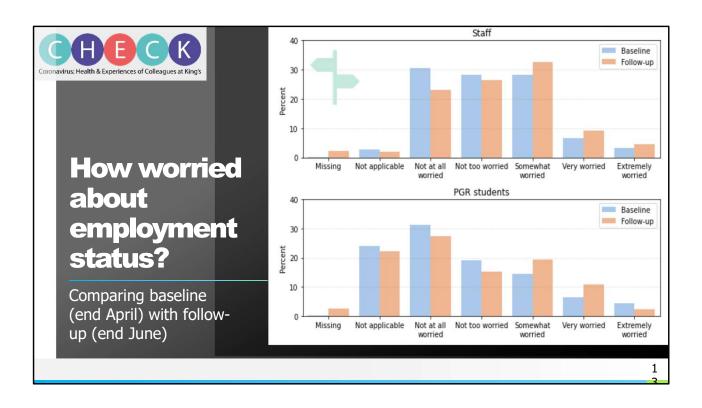


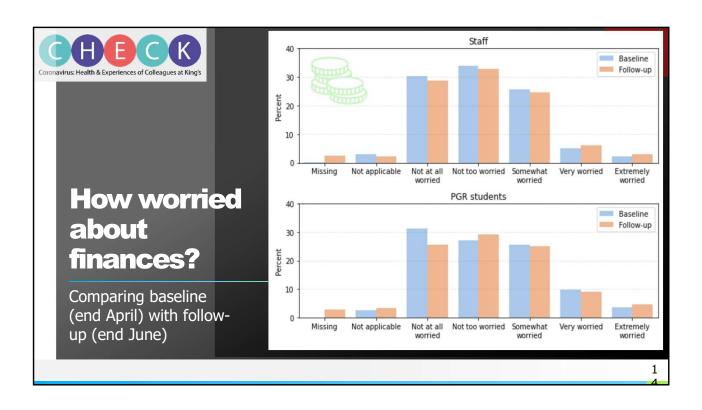


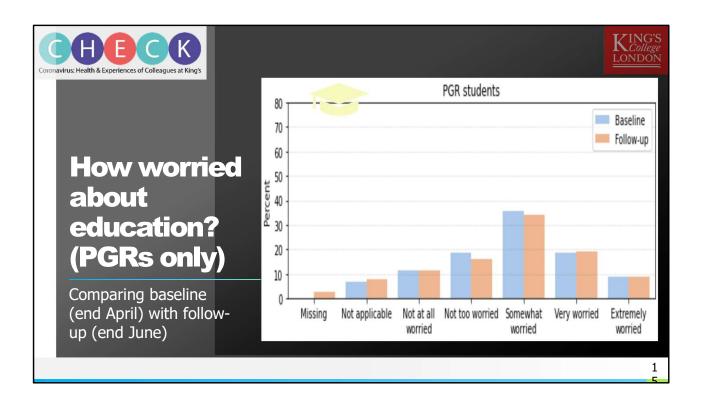


















"I am still struggling with eating and "earning" my food as my usual routine with gym and work etc has been destroyed."

# Losses

Participants found it difficult to lose daily routines and have coping strategies for dealing with stressors compromised

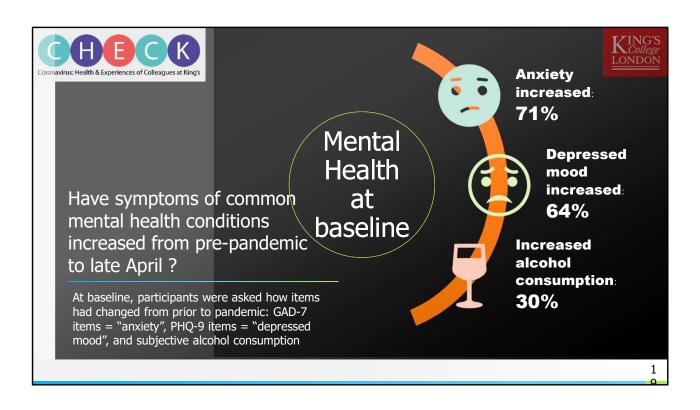
The pandemic and the protective isolation has led to personal losses, from the loss of time and experiences for PGRs, to deaths and prevention of normal grieving

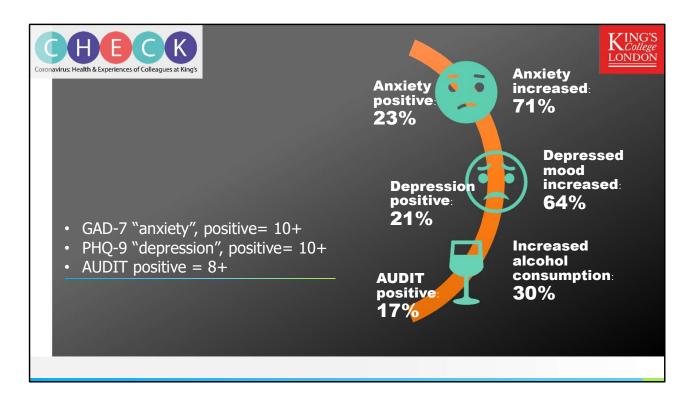
There was anger towards the government's response and how earlier testing and interventions might have prevented loss of lives.

"My nephew died...
this is devastating
and made more
surreal by the fact
we cannot visit."

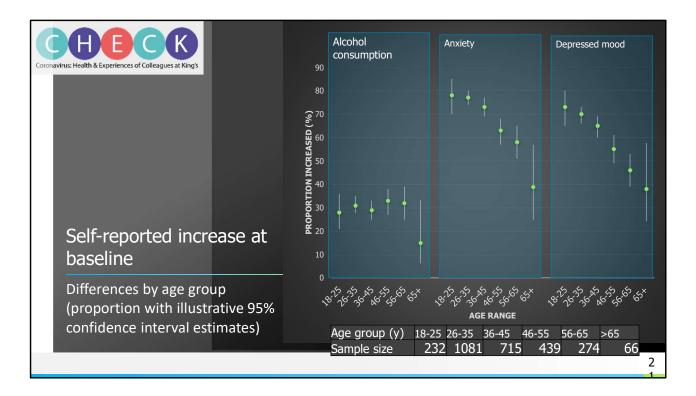
"The pandemic has revealed a dimension of British [politics] I find distressing and abhorrent."



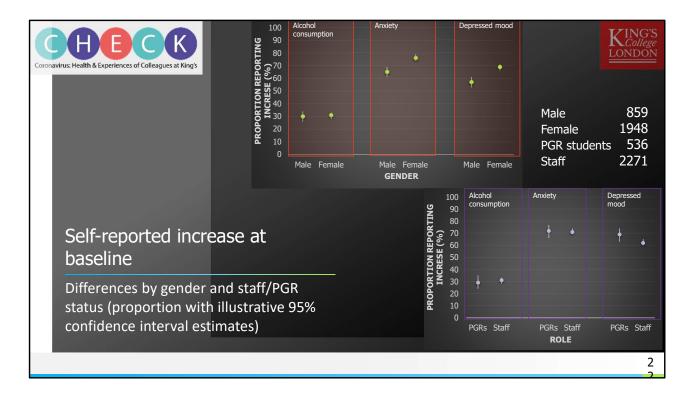




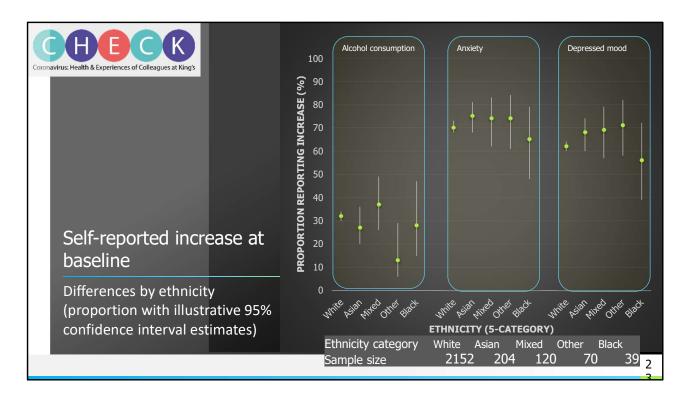
Although we have not tested, there is likely to be extensive overalp between GAD positive and PHQ positive and, to a lesser extent, AUDIT positive. Therefore it is not possible to add these together to get numbers positive for any of the above.



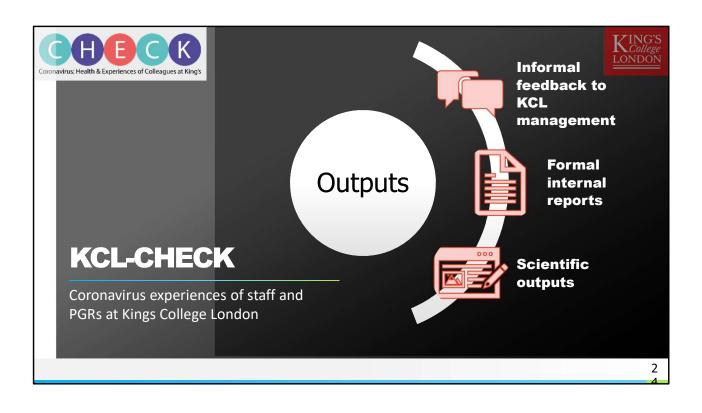
Clear trend for age in reporting worse anxiety or depression since pandemic



Women seem more likely to report worse anxiety or depression, with no gender split for drinking. No clear relationship for PGRs, although suggestion of worse depressive changes. Note that this is not corrected for age.



This is shown for illustration, but any interpretation needs to be limited by the poor representativeness of the survey in the non-white categories due to limited recruitment of people from BAME backgrounds.

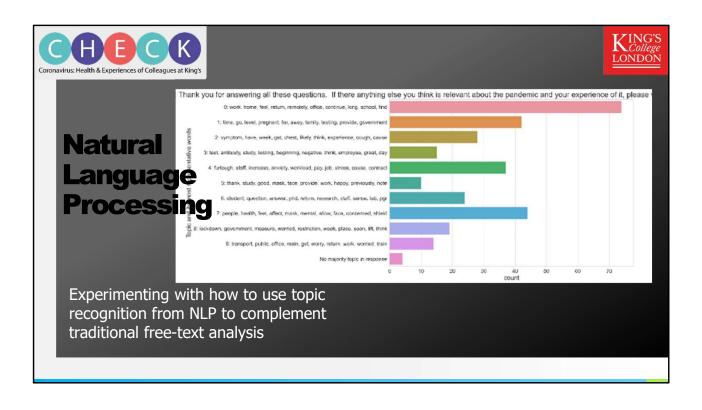






- policies such as regular Q&A sessions for all staff
- guidance for discussions in appraisal meetings.
- They have been shared with the equality, diversity and inclusion team and post-graduate research deans for planning targeted support.
- And comms team have received feedback and made changes.
- They will be incorporated into future publications.







Gabriella Bergin-Cartwright
Nicol Bergou
Ewan Carr
Jaya Chaturvedi
Katrina Davis
Stephani Hatch
Matthew Hotopf
Grace Lavelle
Daniel Leightley
Carolin Oetzmann
Catherine Polling
Reza Razavi
Sharon Stevelink
Sumithra Velupillai
Valentina Vitiello
Alice Wickersham



# Thank you

**Contact details/for more information** Katrina Davis Matthew Hotopf

katrina.davis@kcl.ac.uk check@kcl.ac.uk

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