

Great Ormond Street Clean Air Hospitals Framework: what counts, what works and what matters?

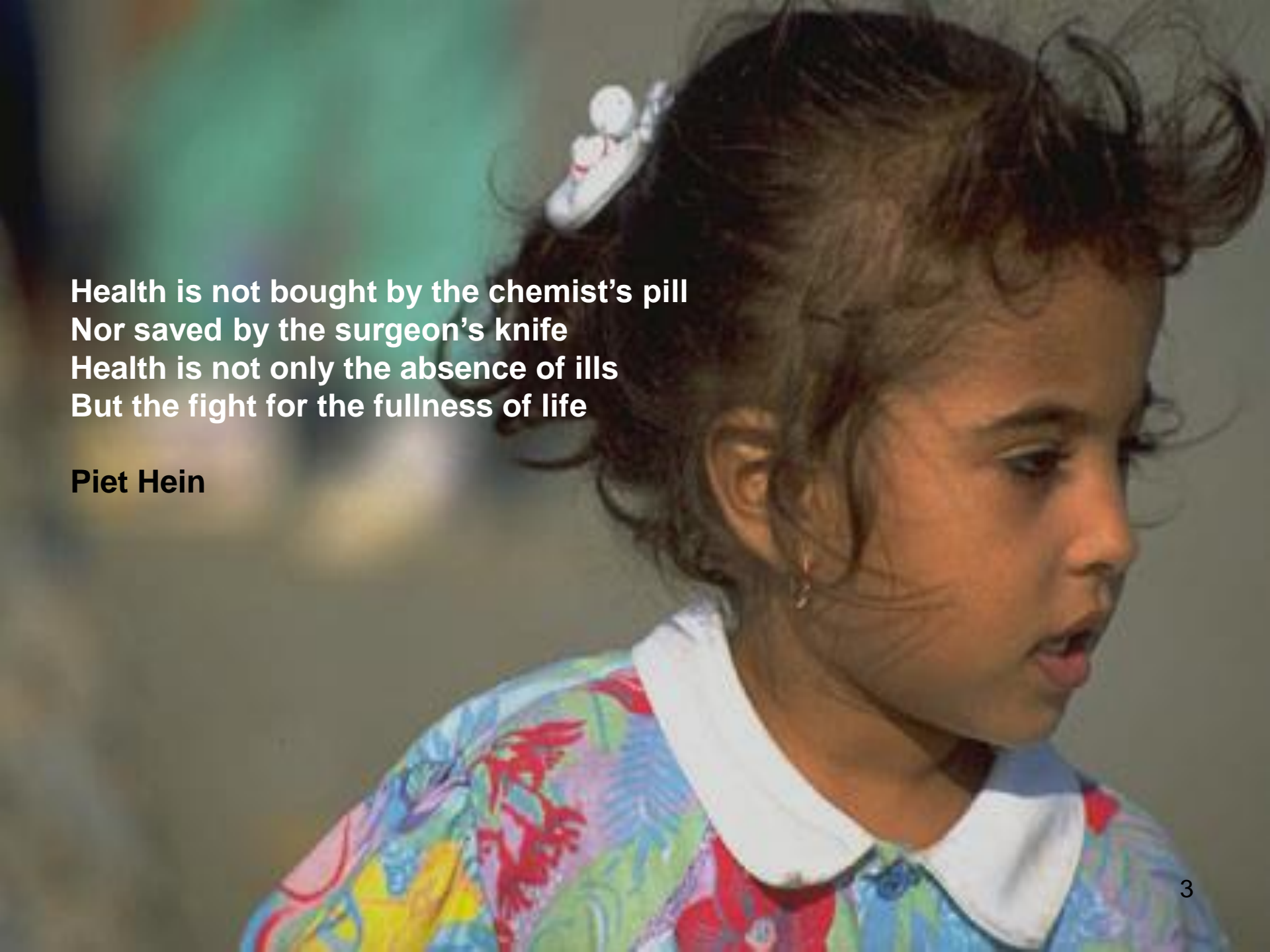
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1.UCL Great Ormond Street Institute of Child Health 2.UCL Bartlett 3. St
George's University of London 4. Young Peoples Advisory Group GOSH 5.
Great Ormond Street Hospital

Location of Barcelona INRICH conference (Luis' Rajmil's workplace)



<https://www.bbc.co.uk/news/world-europe-52909641>



**Health is not bought by the chemist's pill
Nor saved by the surgeon's knife
Health is not only the absence of ills
But the fight for the fullness of life**

Piet Hein

Residents liaison meeting

What was discussed?

- Updates on construction of GOSH CCC
 - Masterplan, traffic survey
- Residents concerns – environmental and health impacts



Lessons from residents

- Proactive approach to consultation
 - Important issues overlooked in liaison process
- Better community engagement
 - Active communication channels with residents, including better local advertising of events

GOSH Young Peoples Advisory Group (YPAG) meeting:Jan 2020

We learned from children and young people that :
things were improving with attention to air quality and sustainability on both individual and community levels
They gave us ideas for cleaner travel – sticks and carrots - fees/fines or incentivising ‘green’ travel. Ideas for local air quality including initiatives on smoking around hospitals



Coram's fields under lockdown

transformed to GOSH car park in first lockdown

No adult without a child





“In my local hospital, many outpatient appointments were done digitally, and this could continue”

YPAG Lockdown

- Lessons learnt:
 - Shift in their own and their households' attitudes to cycling / walking as a means of travel –
 - Increase in virtual consultations a priority for YP – discussed patient travel burdens, carbon emissions, GOSH's high annual numbers of outpatient visits.

“I think singing at GOSH is a fantastic idea once a week”

“I personally discovered in lockdown [...] cycling has reduced the time it takes to get to places”

“[...] raised awareness that actually you don't have to drive or take public transport everywhere”

- Free bikes for NHS workers was a positive from health & environmental perspectives.
- Coram's conversion to a car park was deemed necessary but all were eager for return back to a safe green space.
- YP thought that increased community cohesion (clapping, singing, drumming) & quieter roads to encourage 'greener' travel should be maintained post lockdown.

Local citizens survey



“How can we maintain the gains?”

- Local buy in matters
Response depended on local contacts and posters.

- Resourceful citizens: One respondent wrote: “We run a campaign group 'Bloomsbury Air' and work with the Air Team, Mums for Lungs and London Car Free day”

- Need to do better with recruiting BAME neighbours

“;what else can we do to protect ourselves and our children from lung damage?”

‘why are GOSH so unwilling to take the simple and obvious steps open to them to minimise local pollution arising from their major development in Gt Ormond St.’

I agree with the construction work at GOSH, despite the problems for residents. But other locals have voiced opposition ... it would be helpful to have more dialogue

- 50 respondents -survey run by local resident Rachel (GOSH residents liaison group) and a volunteer Savannah recruited via Ana
- Over 95% local residents, business owners and workers
- 57% in rented housing; most others own occupiers
- Most lived 1-5 mins from the hospital; 88% thought local air quality poor pre Covid
- Top issues – cars, building and emissions, cigarette smoke
- Over half prioritized cutting vehicle activity followed by construction regulation, more walking/biking facilities and more low emission public transport
- 17% identified as Asian British //mixed ethnicity

DISSERTATION OFFERS

Main methods scoping review/narrative reviews (quant & qual); co-production and qualitative.

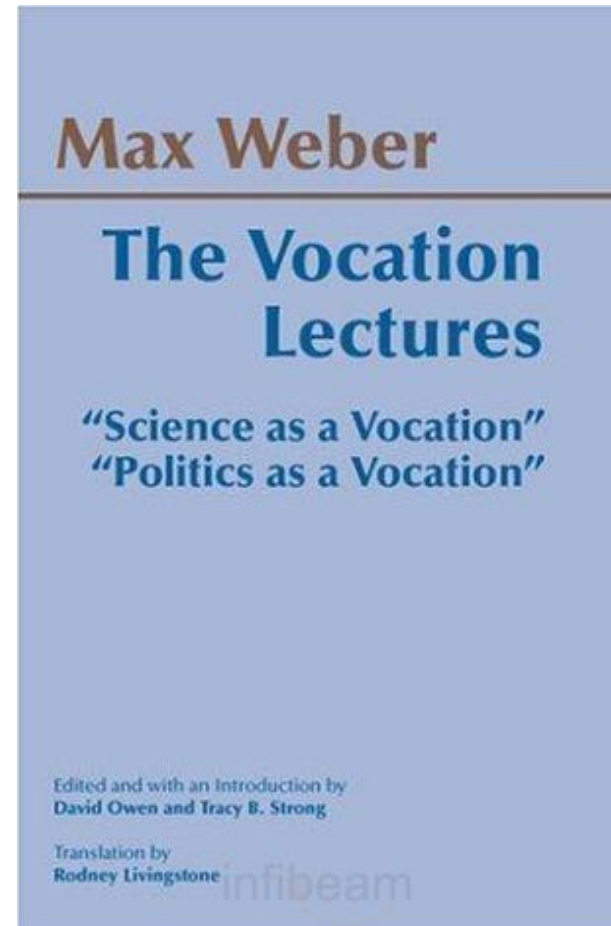


- Calling time on smoking in the GOSH neighbourhood – co-supervised with Dr Vyas, an academic neurologist at University of Toronto and Prof Terence Stephenson Review and designing an intervention.
- What counts, what works & what matters to local residents: GOSH’s clean air framework - co-supervised with Dr Lucy Natarajan from The Bartlett Faculty of the Built Environment, UCL.
- What should be retained from the lockdown? A qualitative study on benefits and challenges to health and well-being with GOSH patients and parents with Profs Roz Shafran, and Helen Roberts UCLGOSICH

Academics and decision takers bring different things to the table

Science as a vocation is a commitment to evidence – which is always provisional

Politics as a vocation commits you to responsibility where the pursuit of good ends may take precedence.



Where do data come from?

All data is historical data: the product of a time, place, political, economic, technical, & social climate. If you are not considering why your data exists, and other data sets don't, you are doing data science wrong.

Melissa Terras

<https://www.youtube.com/watch?v=4yYytLUViI4>



Ella Kissi-Debrah



Image BBC.CO.UK

Professor Sir Stephen Holgate:,
paid tribute to the resilience of
Ella's mother, Rosamund Kissi-
Debrah, for her tenacity, which
helped to make legal history when
for the first time air pollution was
recorded as a cause in an
individual death in the UK: *“Every
single number that goes into
these studies is a ..person dying,”*

From Guardian 20/12/20

**Sandra Laville, Environment
correspondent**

References and websites

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