

Nationalities:

---

## PROFILE

I am a junior doctor working in public health with experience across a range of research, infection and public health roles in the UK, EU and internationally. I am keen to gain further experience in international health and infectious diseases in preparation for a career in epidemiology.

---

## EDUCATION

<b>PGCert Global Health Leadership</b>	University of Plymouth	2020 – 2022
<b>MSc Control of Infectious Diseases</b>	London School of Hygiene and Tropical Medicine	2016 - 2017
<b>Medicine MBChB</b>	University of Birmingham	2012 – 2018

---

## EMPLOYMENT

<b>Locum SHO (General &amp; Acute Medicine)</b>	North Middlesex University Hospital, London	May 2024 – current
<b>Clinical Fellow in Infection</b>	UK Health Security Agency (UKHSA), London	March 2023 – April 2024
<b>Public Health Research Fellow</b>	Chulalongkorn University, Bangkok	Feb 2022 – Feb 2023
<b>Trainee (Airborne, Blood Borne Viruses and STI DPR)</b>	European Centre for Disease Prevention And Control (ECDC), Stockholm	July – Dec 2021
<b>Clinical Research Fellow</b>	Janssen ENSEMBLE 2 COVID-19 Vaccine Phase 3 trial, Barts Health NHS Trust, London	Dec 2020 – June 2021
<b>Public Health Officer COVID-19 Response</b>	Haringey Public Health Team, London	Aug 2020 – Jan 2021
<b>Locum SHO Find &amp; Treat Homeless Team</b>	University College London Hospital	Aug 2020 – Dec 2021
<b>Foundation Year 2 Doctor</b>	North Middlesex University Hospital, London	Aug 2019 – Aug 2020
<b>Foundation Year 1 Doctor</b>	University College London Hospital	Aug 2018 – Aug 2019

---

## PUBLICATIONS

**Singh J**, Stoitsova S, Zakrzewska K. *et al.* Healthcare-associated hepatitis B and C transmission to patients in the EU/EEA and UK: a systematic review of reported outbreaks between 2006 and 2021. *BMC Public Health* **22**, 2260 (2022). <https://doi.org/10.1186/s12889-022-14726-0>

**Singh J**, Fliteau S, Todd J, Gumede-Moyo S. Progress in the performance of HIV early infant diagnosis services in Zambia using routinely collected data from 2006 to 2016. *BMC Public Health* (2018). doi: 10.1186/s12889-018-6222-y

Limothai U, Tachaboon S, Dinhuzen J, **Singh J**, *et al.* Seroprevalence of leptospirosis among blood donors in an endemic area. *Sci Rep.* 2023 Jul 31;13(1):12336. doi: 10.1038/s41598-023-39461-3. PMID: 37524788; PMCID: PMC10390486

Limothai U, Tachaboon S, Dinhuzen J, **Singh J** et al. Dengue virus transmission risk in blood donation: Evidence from Thailand. *J Med Virol.* 2024; 96:e29689. doi:10.1002/jmv.29689

Contributions to ECDC technical reports:

European Centre for Disease Prevention and Control. Continuum of HIV care. Monitoring implementation of the Dublin Declaration on partnership to fight HIV/AIDS in Europe and Central Asia: 2020 progress report. Stockholm: ECDC; 2021

European Centre for Disease Prevention and Control. Reducing COVID-19 transmission and strengthening vaccine uptake among migrant populations in the EU/EEA – 3 June 2021. ECDC: Stockholm; 2021

European Centre for Disease Prevention and Control. Stigma: survey of people living with HIV. Monitoring implementation of the Dublin Declaration on partnership to fight HIV/AIDS in Europe and Central Asia: 2022 progress report. Stockholm: ECDC; 2023.

---

**CONFERENCE PRESENTATIONS**

---

<b>1<sup>st</sup> prize oral presentation</b>	British Paediatric Allergy, Immunology and Infection Group Winter Meeting ( <b>London</b> )	Dec 2017
<b>1<sup>st</sup> prize poster presentation</b>	West Midlands Clinical Academic Training Meeting ( <b>Birmingham</b> )	Nov 2017
<b>1<sup>st</sup> prize poster presentation</b>	National Intercalators Conference ( <b>Cardiff</b> )	Oct 2017
<b>2<sup>nd</sup> prize oral presentation</b>	National CUSCRS Conference ( <b>Cambridge</b> )	March 2018
<b>Poster presentation</b>	National Undergraduate Paediatric Conference ( <b>Southampton</b> )	Feb 2018
<b>Oral presentation</b>	European Scientific Conference on Applied Infectious Disease Epidemiology ( <b>Barcelona</b> )	Nov 2023
<b>Oral presentation</b>	Asia Pacific Regional Conference of the International Union Against Tuberculosis and Lung Disease ( <b>Taipei</b> )	April 2024

---

**EMPLOYMENT**

---

**UK Health Security Agency, London** **March 2023 - current**

I am worked as a clinical fellow for the SIREN study, a prospective cohort study of COVID-19 in UK healthcare workers. My roles involved:

- Supporting operational and logistical running of SIREN including leading on recruitment of almost 6,000 participants from 27 UK sites into year 3 extension
- Writing key study documents including protocol and PILS
- Contributing to research analysis involving raw data manipulation and cleaning in STATA
- Leading on PRIME mpox seroprevalence study including writing study documents, submitting for ethical review, working with community partner to design targeted recruitment strategy
- Supporting communications by presenting forums for site research teams, producing monthly study newsletter for sites and participants, producing video interview series, supporting running of Participant Involvement Panel
- Working with lab team to understand sequencing flow of samples and to resolve lab-related queries from sites
- Deployment with the Rapid Investigation Team to support data collection for avian influenza outbreak study
- Supported incident response for emerging covid variant

My time at UKHSA has exposed me to key epidemiological themes in outbreak investigation, and all stages of conducting a research study from design, procurement, logistics, relationship building with sites, analysis and report writing. It has been a valuable exposure into the role of partnerships between other government departments, NHS, academia, industry and the voluntary sector.

### **Chulalongkorn University Faculty of Global Health, Bangkok**

**Feb 2022 – Feb 2023**

I completed a one year Public Health Research Fellowship in Bangkok on the topic of 'Health Systems Resilience for Infectious Diseases'. I designed and led a retrospective cohort study on the prevalence of diabetes among TB patients at a government hospital, supported a project on the seroprevalence of leptospirosis among Thai blood donors, and completed a one week placement in a provincial health system in Chantaburi as well as shadowing the microbiology lab at the Thai Department of Disease Control and the ID ward at King Chulalongkorn Memorial Hospital

This year was a valuable insight into the public health system in Thailand managing my own project within a local research team, which highlighted the burden and management of infectious diseases such as dengue, malaria and leptospirosis.

### **European Centre for Disease Prevention and Control (ECDC), Stockholm**

**July - Dec 2021**

I undertook a 6 month traineeship with the ECDC in Stockholm under the Air-Borne, Blood-Borne and Sexually Transmitted Infections (ABSI) disease programme unit. I led on a systematic review of nosocomial hepatitis B and C transmission across EU member states and a European wide HIV stigma survey among healthcare workers in collaboration with the European AIDS Clinical Society (EACS).

### **ENSEMBLE 2 Janssen Phase 3 trial**

**Dec 2020 – Jun 2021**

I worked for 6 months as a Clinical Research Fellow for the Janssen vaccine phase 3 clinical trial. This was a double-blinded placebo controlled trial of the two dose Janssen covid vaccine candidate run through Barts Health NHS Trust. I was involved in consenting participants, carrying out medical eligibility reviews before enrolling, randomising and follow up of participants for adverse events throughout the trial period, and also led the symptomatic pathway.

### **Public Health Officer COVID-19 Response**

**Aug 2020 – Jan 2021**

I worked on the emergency COVID-19 response in a busy North London local authority public health team. As part of this I produced daily surveillance briefings on covid cases in Haringey and presented at weekly Gold and Silver strategy meetings, led on the management of outbreaks in care homes, assisted in setting up and running Haringey's first asymptomatic mass testing sites, and the roll out of the vaccination programme particularly across care settings. I worked closely with PHE and the London Coronavirus Cell to manage complex outbreaks across Haringey, and with numerous departments across the council.

Previously during my FY2 job at Haringey I set up and led several of my own projects including a review of Haringey's Domestic Violence Perpetrator Programme; improving uptake of cervical cancer screening; increasing access to LARC (long acting reversible contraception); review of food security and the impact of a no-deal Brexit and school superzones pilot in Haringey.

### **Find and Treat Team , UCLH, London**

**July – Dec 2020**

As part of a service commissioned for the pan-London covid response to homelessness, I worked regular locum shifts with the UCLH Find and Treat team providing health assessments for residents housed in temporary accommodation across London. I carried out comprehensive medical assessments over the phone and linked in with other services as needed. This was an eye opening experience supporting some of the most vulnerable members of society, and with a multidisciplinary team consisting of clinicians, housing officers, drug and alcohol teams, mental health services, domestic violence services as well as researchers in a pioneering service in London.

### **North Middlesex University Hospital, London**

**August 2019 – July 2020**

During my Foundation Year 2 I completed rotations in Public Health, Obstetrics and Gynaecology and was then redeployed to an emergency covid rota from March – July 2020. I then locumed regularly in Accident and Emergency from July 2020 until June 2021.



During my Foundation Year 1 I completed rotations in Breast Surgery, Respiratory and Acute medicine.

---

## **VOLUNTARY EXPERIENCE**

---

**Ministry of Health, Lusaka, Zambia****June - July 2017**

I worked with Ministry of Health staff in Lusaka to write my Master's thesis evaluating the performance of Zambia's HIV Early Infant Diagnosis services. I performed a retrospective analysis of routinely collected data from the Zambian SmartCare database over the period 2006 to 2016, which included a total of 32,593 HIV-infected infants on antiretroviral therapy. The study was conducted as part of the SEARCH (Sustainable Evaluation through the Analysis of Routinely Collected HIV data) project, a collaboration between LSHTM and the Ministry of Health in Zambia. The results were presented and fed back to the Ministry of Health in March 2018.

**University of Johannesburg, South Africa****July 2017**

I was selected to represent the University of Birmingham at the U21 Global Health Sciences Summer School in South Africa, on the topic of 'Global Health and the Social Determinants of Health'. I participated in lectures, presentations and excursions over 2 weeks with 50 other students from around the world.

**University of Alabama University Hospital, Alabama, USA****May – June 2016**

I conducted my medical elective in Infectious Diseases at UAB Hospital in Alabama, an international leader in HIV/AIDS research. As well as working as part of the ID team on the wards I produced a comparison of national HIV control strategies in the US and UK focused on screening and Pre-Exposure Prophylaxis (PreP).

**University of Birmingham Friends of MSF Vice-President****2015 - 2016**

I was responsible for running our committee, organising fundraising events and external speakers including the President of MSF UK, Paul McMaster. I successfully lobbied for our society to be granted Guild status to allow us to advertise to students from all courses at Birmingham.

**University of Birmingham Global Brigades Medications Liaison****2013 - 2015**

I was responsible for procuring, organising and arranging transportation of the medications and supplies taken on student medical brigades to disadvantaged communities around the world. As well as being on the committee I have volunteered on two brigades to Honduras and Ghana. I was awarded an International Work Experience Bursary from my university to fund the trip to Honduras.

**Basic Life Support Instructor****2013 - 2014**

I completed a BLS instructor course run by the European Resuscitation Council and was responsible for teaching BLS to first year medical and dental science students.

**Centro de Cuidados Infantiles Los Pimpollos, Cordoba, Argentina****April - May 2012**

I volunteered at a community children's centre in rural Argentina, where I assisted in the care of nursery infants and ran activities for older children and teenagers. This was an incredibly rewarding experience working with underprivileged youngsters and living with a local host family allowed me to build upon my Spanish language skills.

**Nawanshahr, Punjab, India****October 2011**

I helped set up and run a four day charitable eye camp for over 400 patients in a village in northern India, providing eye check ups and delivering cataract surgeries free of charge. This was a challenging and rewarding experience from which I gained a strong understanding of the challenges in delivering healthcare to communities with scarce resources.

---

## CLINICAL AUDITS

---

- An audit of NHS Community Health Checks in the London Borough of Haringey 2018 – 2019 (Haringey Council)
- BTS National Adult Community Acquired Pneumonia Audit 2018 – 2019 (University College London Hospital)
- The Incidence of Postoperative Pneumonia following Oesophagectomy and Gastrectomy: a prospective audit (Queen Elizabeth Hospital Birmingham, 2015)

---

## IT SKILLS

---

- STATA
- Power BI
- SQL
- Hospital systems: EPIC, CRS

---

## COURSES AND CONFERENCES

---

<b>Immediate Life Support</b>	North Middlesex University Hospital	18/06/2024
<b>Asia Pacific Regional Conference of the International Union Against Tuberculosis and Lung Disease</b>	Taipei	26-29/04/2024
<b>ESCAIDE</b>	Barcelona	22-24/11/2023
<b>UKHSA Conference</b>	Leeds	15-16/11/2023
<b>Bangkok International Symposium on HIV Medicine</b>	Bangkok	18-20/01/2023
<b>Joint International Tropical Medicine Meeting</b>	Bangkok	07-09/12/2022
<b>ESCAIDE</b>	ECDC, Stockholm	16-19/11/2021
<b>Clinical Topics in Antiretroviral Therapy</b>	FLS Science, Barcelona	01-03/10/2021
<b>Good Clinical Practice</b>	Barts Health NHS Trust	17/12/2020
<b>Foundation Simulation Training</b>	North Middlesex University Hospital	12/06/2020
<b>Practical Obstetric Multi-professional training</b>	North Middlesex University Hospital	13/12/2019
<b>Community Engagement workshop</b>	Kaizen Partnership, London	18/11/2019
<b>Public Health England Annual Conference</b>	University of Warwick	10-11/09/2019
<b>Advanced Life Support</b>	University College London Hospital	11/01/2019
<b>CMT Procedural Skills Training</b>	University College London Hospital	09/11/2018
<b>Clinical practice simulation training</b>	University College London Hospital	17/12/2018

**References available on request**