

Global Health Research in Population Health Group

- Prof Nuala McGrath
 - HIV-sexual health, Sub-Saharan Africa
- Dr Nisreen Alwan
 - NCDs, mother-child health, Middle East
- Sara Afshar PhD
 - Multimorbidity
- Others: Acute Kidney Injury (0-25 initiative); China NCDs (Dr Lily Yao); NCDs in refugees (M Jawad PhD); UG teaching

Global health research agenda



- Senior faculty at Africa Centre for Population Health, University of KwaZulu-Natal, South Africa
- Couples, sexual partnerships and sexual health
 - RCT Couples HIV prevention study
 - Understanding the role of migration in HIV transmission
 - Tailoring interventions for migrant partners
 - STI treatment and prevention in Africa and UK
- Intervention studies in South Africa
 - RCT Treatment as prevention (ongoing study; new application to EDCTP)
 - DREAMs – To reduce HIV incidence among AGYW in 10 sub-Saharan African countries
- Other work
 - HIV treatment adherence
 - Multimorbidity & NCDs in HIV-infected individuals

External collaborations

- Africa
 - Africa Centre for Population Health, University of KwaZulu-Natal, South Africa
 - Human Sciences Research Council, South Africa
 - University of Cape Town, South Africa
 - African Centre of Migration and Society, U of Witwatersrand, South Africa
 - Analysing Longitudinal Population-based HIV data on Africa (ALPHA) network
- UK / Europe
 - Solent Health (CLAHRC)
 - London School of Hygiene and Tropical Medicine
 - UCL
 - University of Bordeaux, France
 - Centre Population & Development, Paris, France
 - INSERM, Marseille, France
- USA
 - UCSF, Harvard and International Centre for Research on Women
- World Health Organisation



Nisreen Alwan

- PhD supervision:
 - Comparison of dietary patterns in pregnancy and offspring outcomes between the Danish National Birth Cohort and UK birth cohorts
 - Socio-economic determinants of gestational and type II diabetes in Saudi Arabia
- Collaborations:
 - American University of Beirut – planned comparison of dietary patterns between national samples from UK and Lebanon
 - Sultan Qaboos University (Oman) – establishing a pilot birth cohort in Muscat
 - Sex-selective abortion in Nepal – a collaboration with demography (Soton) and academics from the University of Oxford and Nepal
- Networks:
 - Public Health Arab Network (chapter author of Public Health in the Arab World book)

Sara Afshar PhD

- **GLOBAL PATTERNS OF MULTIMORBIDITY**
- Collaboration between Faculty of Medicine, Human & Social Sciences; and collaborators from WHO Study of Global AGEing.
- Using a **Mixed-methods** approach:
 - **Prevalence studies** of multimorbidity using the World Health Survey (28 countries) and longitudinal household surveys in China, Ghana, India, Mexico, Russia and South Africa, and SES and urbanisation
 - **Qualitative field work** exploring the facilitators and barriers of the health system for women living with multimorbidity in the Greater Accra region, Ghana