

**Alys McAlpine**

PhD Candidate

**LSHTM**

Submitting June 2021

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## EDUCATION & RESEARCH FELLOWSHIPS

**The Alan Turing Institute / PhD Enrichment Student [Accepted]**

JAN - JUNE 2021, London, UK

- This placement is for PhD students to collaborate with a diverse group of data scientists and receive constructive feedback on their ongoing PhD work while being exposed to new methods.
- I will collaborate with a diverse group of data scientists using Bayesian Networks, Artificial Intelligence and ABM to research modern slavery as part of the UN Code 8.7 modern slavery project.

**Centre for Research in Social Simulation (CRESS), University of Surrey / Visiting PhD Scholar**

AUG - DEC 2020, Guildford, UK

- I will be completing a PhD visiting scholarship under the supervision of Dr Corinna Elsenbroich, an expert in using ABM and social simulation to model social norms, decision making, criminological theories, and other complex social behaviours.
- During this placement I will integrate social complexity and criminology theories into ABMs.

**London School of Hygiene and Tropical Medicine / Doctoral Candidate (PhD)**

OCT 2017 - JUNE 2021, London, United Kingdom

**Topic:** Myanmar to Thailand: Low-wage labour migration pathways and intermediary networks

**Data collection in Thailand** (Jan-June '19): Participatory social network mapping and in-depth interviews

**Analysis:** qualitative comparative analysis(QCA), social network analysis(SNA), agent-based modeling(ABM)

**London School of Hygiene and Tropical Medicine / Masters of Science (MSc)**

OCT 2013 - SEPT 2014, London, United Kingdom

**Grade:** Distinction

**Thesis (published):** *Sex trafficking and sexual exploitation in settings affected by armed conflicts in Africa, Asia and the Middle East: A systematic review*

**Boston University / Bachelors in Business Administration (BA)**

SEPT 2009 - MAY 2013, Boston, MA, USA

**Grade:** Cum Laude Latin Honors, academic merit scholarship

**Award:** Scarlet Key, highest graduating honor for student leadership

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## ADDITIONAL TRAINING

Introduction to Agent-Based Modeling (Santa Fe Institute- virtual; University of Essex) ● Modelling for the Built Environment (UCL) ● Geographic Information Systems (LSHTM) ● Fuzzy-set Qualitative Comparative Analysis (Manchester University) ● Burmese (Bamazaga; SOAS) ● Gender Based Violence Research Methods (LSHTM) ● MISP for Reproductive Health in Crisis Situations (Women's Refugee Commission) ● Managing GBV Programs in Emergencies (United Nations Population Fund- Distance Learning)

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## RESEARCH & TEACHING EXPERIENCE

**London School of Hygiene and Tropical Medicine / Seminar Leader and Lecturer for the Conflict & Health Module and the Gender Based Violence Research Course / JAN 2016 - PRESENT, London, UK**

**Plan International / Research Consultant / MAR-DEC 2018 / London, UK**

- Mixed-methods multi-county (Nepal, Nigeria, Uganda) research on adolescent modern slavery

**London School of Hygiene and Tropical Medicine / Research Fellow / FEB 2016 - SEPT 2018, London, UK**

- Systematic review on the social norms influencing sexual exploitation of children
- Mixed-methods evaluation of GBV intervention in Dadaab refugee camp, Kenya
  - 2017 Best Presentation (Young Researcher Category), Sexual Violence Research Initiative

**Elrha, Save the Children International / Research Consultant / JAN- APR 2017, London, UK**

- Authored guidelines on GBV research methods in humanitarian settings

Freedom Fund & London School of Hygiene and Tropical Medicine / **Research Consultant** / APR 2015 - JAN 2016, London, United Kingdom

- Systematic reviews: 1) Safer labour migration interventions; 2) Risk and protective factors of labour migration associated with human trafficking

Solidarity with Women in Distress & Okoa Sasa Trust / **Public Health Fellow** / SEPT - DEC 2014, Mombasa, Kenya

## PUBLICATIONS

### Peer-Reviewed Accepted Manuscripts

**McAlpine A**, Kiss L, Zimmerman C, Chalabi Z. [Under Review] Agent-based modeling for migration and modern slavery research: a systematic review. Submitted to: **Journal of Computational Social Science**.

**McAlpine A**, Demarest L, Zimmerman C, Kiss L. (2020) Collecting egocentric network data from Myanmar migrant workers: Developing and piloting a participatory mixed-methods visual network survey application. National university of Singapore, Asia Research Institute, **Migration Methodologies Workshop Special Issue**. [Delayed publication due to COVID-19]

**McAlpine A**, Bacchus LJ, Muuo SW, Muthuri SK, Bangha M, Izugbara C, Franchi G, Hess T, Spangaro J, Pearson R, Hossain M. (2020). Research challenges in evaluating gender-based violence response services in a refugee camp: Expected and unexpected barriers to a longitudinal mixed methods research design.

**Global Health Action**, Methods Forum.

### Peer-Reviewed Publications

Kiss L, Fotheringham D, Mak J, **McAlpine A**, Zimmerman C. (2020) The use of Bayesian networks for realist evaluation of complex interventions: evidence for prevention of human trafficking.

**Journal of Computational Social Science**.

Buller AM, Pichon M, **McAlpine A**, Cislighi B, Heise L, Meiksin R. (2020) Systematic review of social norms, attitudes, and factual beliefs linked to the sexual exploitation of children and adolescents.

**Child Abuse & Neglect** 104, 104471.

Hargreaves S, Kieran R, Nellums L, **McAlpine A**, Pocock N, Devakumar D, Aldridge R, Abubakar I, Kristensen K, Himmels J, Friedland J, Zimmerman C. (2019) Occupational health outcomes among international migrant workers: a systematic review and meta-analysis. **The Lancet Global Health**.

Muuo S, Kagwiria Muthuri S, Hossain M, Kavao Mutua M, **McAlpine A**, Bacchus L, Ogego H, Bangha M, Izugbara C. (2018) Barriers and facilitators to care-seeking among survivors of gender-based violence in the Dadaab refugee complex. **BMC Women's Health**.

**McAlpine A**, Hossain M and Zimmerman C. (2016) Sex trafficking and sexual exploitation in settings affected by armed conflicts in Africa, Asia and the Middle East: systematic review.

**BMC International Health and Human Rights**.

### Reports

Kiss L, Davis A, Fotheringham D, **McAlpine A**, Kyegombe N, Abilio L, Mak J. (2019) The trafficking of girls and young women: evidence for prevention. **Plan International**: London, UK.

Hossain M, Izugbara C, **McAlpine A**, et al. (2018) Violence, uncertainty, and resilience among refugee women and community workers: An evaluation of gender-based violence case management services in the Dadaab refugee camps. **Department for International Development** (DFID): London, UK.

Hossain M and **McAlpine A**. (2017) Gender Based Violence Research Methodologies in Humanitarian Settings: An Evidence Review and Recommendations. **Elrha**: Cardiff, Wales.

Zimmerman C, **McAlpine A** and Kiss L. (2015) Safer labour migration and community-based prevention of exploitation: The state of the evidence for programming.

**The Freedom Fund** and **London School of Hygiene and Tropical Medicine**: London, UK.

## FUNDING

<b>2017-2021</b>	Economic Social Research Council (ESRC) UBEL Doctoral Training Partnership Studentship (~£17,000 annual stipend & tuition fees & fieldwork costs)
<b>2019</b>	LSHTM Research Degree Fieldwork Scholarship (£4,500)
<b>2019</b>	ESRC Difficult Language Training Award (9-month PhD funding extension to stipend & tuition fees)
<b>2014</b>	Katie Evans Memorial Scholar, Public Health Fellowship Scholarship (3-month travel & subsistence)
<b>2009-2013</b>	MLK Jr. Scholarship, Full tuition scholarship, Boston University (4-year full tuition fees)

## VOLUNTEER

Ashasthan House of Hope / Residential Volunteer and English Tutor / JAN - JUNE 2009, Mumbai, India