

**Alys McAlpine**  
**PhD Candidate**  
Submitting in  
June 2021

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## Education

### **London School of Hygiene and Tropical Medicine /** Doctoral Candidate

OCT. 2017 - PRESENT, *London, United Kingdom*

- Title: Myanmar-Thailand migration networks and pathways: a mixed-methods complex system study using agent-based modelling
- Data collection: I spent 6-month (Jan-June 2019) on the Myanmar-Thai border collecting participatory egocentric network data (in mapped visualisations) and in-depth qualitative data.
- Analysis: My thesis methods include an empirically informed Agent-Based Model using mixed-methods social network analysis to explore migration networks, pathways, and entry into decent work versus modern slavery.

### **London School of Hygiene and Tropical Medicine /** Masters of Science

OCT. 2013 - SEPT. 2014, *London, United Kingdom*

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

**Grade**: Distinction

### **Boston University /** Bachelors in Business Administration

SEPT. 2009- MAY 2013, *Boston, MA, United States of America*

**Grade**: Cum Laude Honors

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## Work and Fellowships

### **The Alan Turing Institute / Engage@Turing 2020 Student Cohort**

JAN. 2021 - JUNE 2021, *London, United Kingdom*

I was accepted to the Turing Institute's competitive 2020 PhD Enrichment Scheme, but due to the Covid-19 pandemic this in-person scheme was replaced with a virtual alternative, [Engage@Turing](https://engage.turing.ac.uk/).

### **London School of Hygiene and Tropical Medicine /** Conflict & Health Lecturer and Seminar Leader / Gender Based Violence Research Short Course Lecturer

JAN. 2016 - PRESENT, *London, United Kingdom*

- Give the annual lectures on *Gender-Based Violence in Humanitarian Contexts* for both the Conflict and Health Module and the Gender-Based Violence Research Short Course.
- Lead seminars on how to critique humanitarian evidence in peer-reviewed articles.

### **Plan International /** Research Consultant

MAR. 2018 - DEC. 2018, *London, United Kingdom*

- Conducted a mixed-methods multi-county (Nepal, Nigeria, Uganda) research on modern slavery amongst adolescent girls in crisis affected and fragile states.

### **London School of Hygiene and Tropical Medicine /** Research Fellow

FEB. 2016 - SEPT. 2018, *London, United Kingdom*

- Systematic literature review on the social norms facilitating the sexual exploitation of children.
- Mixed-methods evaluation of the International Rescue Committee and CARE International's gender-based violence intervention in Dadaab refugee camp, Kenya. This was part of the UK DfID-funded *What Works to Prevent Violence Against Women* research consortium.

- Best Oral Presentation, Young Researcher category, SVRI Conference, 2017

**Elrha, Save the Children International / Research Consultant**

JAN- APR. 2017, *London, United Kingdom*

- Co-authored guidelines on GBV research in humanitarian settings.

**Freedom Fund & London School of Hygiene and Tropical Medicine / Research Consultant**

APR. 2015 - JAN. 2016, *London, United Kingdom*

- Conducted two systematic reviews: 1) Literature on safer migration interventions; 2) Literature on risk and protective factors associated with labor exploitation and human trafficking
- Interviewed practitioners and policy-makers on migration risk and migrant decision making.
- Drafted a practical report and presented it to a group of stakeholders.

**Solidarity with Women in Distress & Okoa Sasa Trust / Public Health Pro-corp Fellow**

SEPT. 2014 - DEC. 2014, *Mombasa, Kenya*

- Supported capacity development efforts in drafting reports of recent anti-trafficking activities and outcomes for donors and potential supporters.

## Trainings

- Intensive Beginners Burmese Language Training, John O’Kell (SOAS Professor)
- Agent Based Modeling intensive short course, University of Essex
- Geographic Information Systems Short Course, LSHTM
- Gender Based Violence Research Short Course, LSHTM
- Minimum Initial Service Package (MISP) for Reproductive Health in Crisis Situations, Women’s Refugee Commission
- Managing Gender Based Violence Programs in Emergencies, United Nations Population Fund, Distance Learning

## Skills

Research design, mixed-methods research, social network analysis, systematic literature reviews, agent-based modeling (beginner), writing for broad audiences (academic, NGO, policy makers, general public), teaching, presenting, dissemination, Excel, NetLogo (beginner), NVivo, Microsoft suite,

I am in early stages of training to programme in JavaScript and Python for future simulation modelling.

## Funding

- LSHTM Research Degree Fieldwork scholarship, 2019
- Economic Social Research Council, Difficult Language Training Award, 2019-2021
- Economic Social Research Council, Doctoral Training Partnership Studentship (stipend and tuition fees), 2017-2021
- Katie Evans Memorial Scholar, Kenya Public Health Fellow Fieldwork scholarship, 2014
- Scarlet Key, Student leadership recognition, Boston University, 2013
- MLK Jr. Scholarship, Full tuition scholarship, Boston University, 2009-2013

## Publications

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### PhD Manuscripts— Under development

**McAlpine A**, Demarest L, Kiss L, and Zimmerman C. Dynamic labor migration networks and pathways between Myanmar and Thailand: a fully integrated mixed-methods social network analysis. [In Preparation to submit to the *Social Network Journal*- Forthcoming 2021]

**McAlpine A**, Demarest L, Zimmerman C, Kiss L, and Chalabi Z. Low-wage labour migration, mediation, and exploitation in the Myanmar-Thailand corridor: An agent-based model. [In Preparation to submit to the *Journal of Artificial Societies and Social Simulations*- Forthcoming 2021]

### PhD Manuscripts— Accepted

**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]

### Peer-Reviewed Publications::

**McAlpine A**, Kiss L, Zimmerman C, and Chalabi Z. [Agent-based modeling for migration and modern slavery research: a systematic review](#). Journal of Computational Social Science. 2020.

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.

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.

Izugbara C, Muthuri S, Muuo S, Egesa C, Franchi G, **McAlpine A**, Bacchus L, Hossain M. (2018) 'They Say Our Work Is Not Halal': Experiences and Challenges of Refugee Community Workers Involved in Gender-based Violence Prevention and Care in Dadaab, Kenya. Journal of Refugee Studies.

**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:

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. London: Department for International Development (DFID).

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

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.