

Alys McAlpine, PhD MSc

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Education & student achievements

PhD in Public Health and Policy

London School of Hygiene and Tropical Medicine, Gender, Violence and Health Centre

2017 - 2021, London, United Kingdom

- PhD Thesis: “Mediated labor migration in the Myanmar-Thailand corridor and precarious outcomes: a mixed methods social network analysis and agent-based model”
- Doctoral work: 6-months fieldwork on the Myanmar-Thailand border / Participatory qualitative and social network mapping data collection / Computational social science analysis using agent-based modeling / Safer labor migration research, intervention, and policy recommendations.
- ★ Economic and Social Research Council, Doctoral Training Partnership [Fully-funded PhD]
- ★ Additional successful funding awards: ESRC Difficult Language Training [9-month PhD funding extension] and LSHTM Research Degree Fieldwork scholarship [£5,000].
- ★ 2020 PhD Enrichment Awardee, The Alan Turing Institute
- ★ “Distinguished Dissertation Award” for outstanding application of social simulation [€500]

MSc in Reproductive and Sexual Health Research

London School of Hygiene and Tropical Medicine

2013 - 2014, London, United Kingdom

- MSc Thesis: “Sex trafficking and sexual exploitation in settings affected by armed conflicts in Africa, Asia and the Middle East: A systematic review”
- ★ Graduated with Distinction

BA in Business Administration with concentration in Nonprofit & Entrepreneurship

Boston University, Questrom School of Business

2009- 2013, Boston, Massachusetts, United States of America

- Senior Thesis: “Coffee BeCause - exploring donor retention and community engagement through non-profit run cafes”
- ★ MLK Jr Scholarship - 4-year tuition grant awarded for academic merit and social impact
- ★ Graduated with Cum Laude Latin Honors (GPA 3.4)
- ★ “Scarlett Key” - highest student leadership and social impact recognition

Additional training

- Simulation for Research (UCL, 2023)
- Programming for Crime Scientists (UCL, 2023)
- Beginners Burmese (SOAS, 2021)
- Agent Based Modeling (University of Essex, 2018)
- Geographic Information Systems (LSHTM, 2017)
- Gender Based Violence Research Methods (LSHTM, 2017)
- Minimum Initial Service Package for Reproductive Health in Crisis Situations (WRC, 2017)
- Managing Gender Based Violence Programs in Emergencies (UNFPA, 2017)

Senior Research Fellow in Migration, Violence, and Complexity, Wellcome Trust Fellow

UCL, Institute for Global Health & Jill Dando Institute for Security & Crime Science

NOV. 2021 - PRESENT, London, United Kingdom

- 2022: Principal Investigator for Wellcome Trust funded fellowship: Strengthening violence prevention using innovative and interdisciplinary intervention modelling (In3): integrating public health, crime science, and complexity science [£609,935]
 - ★ One of six global recipients
 - Developing innovative complex systems approaches for violence prevention
 - Building multi-disciplinary, cross-sector research and practice partnerships
- 2021: Co-Investigator for ESRC-funded proposal: *Complex systems simulations for intervention development: Human trafficking and conflict-related violence* [£161,295]
 - ★ Co-led the development of the proposal building on my PhD thesis
 - ★ Competitively awarded Alan Turing Institute Post-Doc Enrichment Award [£2,000]
 - Launched interdisciplinary Violence & Migration Modelling (VaMM) Network
 - Developed case study on social simulations for intervention design
 - Conducted systematic review on complex systems modeling in violence research

Gender, Violence, and Health Consultant

Multiple international NGOs

APR. 2015 - Present, London, United Kingdom

- **Freedom Fund**, (AUG. 2023) - Contributed public health examples for report on system change interventions
- **Plan International** (MAR. - DEC. 2018) - Mixed-methods multi-county (Nepal, Nigeria, Uganda) study on trafficking of adolescent girls in crisis affected and fragile states.
- **Elrha, Save the Children** (JAN. - APR. 2017) - Co-authored guidelines on GBV research in humanitarian settings.
- **Freedom Fund** (APR. 2015 - JAN. 2016) - Conducted systematic reviews on safer migration interventions and risk & protective factors associated with human trafficking - Interviewed practitioners and policy-makers on migration risk and decision making.

Violence and Health Lecturer

London School of Hygiene and Tropical Medicine

JAN. 2016 - May 2021, London, United Kingdom

- Lectured on *Gender-Based Violence in Humanitarian Contexts* for the *Conflict & Health* module
- Led seminars on how to critique humanitarian evidence in peer-reviewed research
- Lectured on multiple topics for the *Gender Based Violence Research Short Course*

- Employment break to complete PhD -

Research Assistant / Research Fellow

London School of Hygiene and Tropical Medicine

FEB. 2016 - SEPT. 2017, London, United Kingdom

- Systematic literature review on social norms relevant to 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 as part of the UK DfID-funded *What Works to Prevent Violence Against Women* research consortium.
- ★ Best Oral Presentation, Sexual Violence Research Conference, 2019

Public Health Fellow

Solidarity with Women in Distress & Okoa Sasa Trust

SEPT. 2014 - DEC. 2014, Mombasa, Kenya

- ★ Katie Evans Memorial Scholar, Kenya Public Health Fellow Fieldwork scholarship, 2014
- Supported capacity development efforts in drafting reports of recent anti-trafficking activities and outcomes for donors and potential supporters.

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Select
publications
& reports

Selected peer-reviewed publications

McAlpine A, Demarest L, Kiss L, Zimmerman C, Chalabi Z. Migration networks and pathways into precarity in the Myanmar-Thailand corridor: an agent-based model. *Journal of Artificial Societies and Social Simulation*. 2023. [To be accepted with minor revisions]

McAlpine A, Kiss L, Zimmerman C, Chalabi Z. Agent-based modeling for migration and modern slavery research: a systematic review. *Journal of Computational Social Science*. 2021;4(1):243–332.

Kiss L, Fotheringham D, Mak J, **McAlpine A**, Zimmerman C. The use of Bayesian networks for realist evaluation of complex interventions: evidence for prevention of human trafficking. *J Comput Soc Sc*. 2021 May 1;4(1):25–48.

McAlpine A, Bacchus LJ, Muuo SW, Muthuri SK, Bangha M, Izugbara C, et al. Research challenges in evaluating gender-based violence response services in a refugee camp. *Global Health Action*. 2020;13(1):1820713.

Named contributing author to Lancet Commission sections on labour migration and trafficking: Abubakar I, Aldridge RW, Devakumar D, Orcutt M, Burns R, Barreto ML, et al. The UCL–Lancet Commission on Migration and Health: the health of a world on the move. *The Lancet*. 2018 Dec 15;392(10164):2606–54.

McAlpine A, Hossain M, Zimmerman C. Sex trafficking and sexual exploitation in settings affected by armed conflicts in Africa, Asia and the Middle East: systematic review. *BMC Int Health Hum Rights*. 2016;16.

Reports

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

Hossain M, **McAlpine A**. Gender Based Violence Research Methodologies in Humanitarian Settings: An Evidence Review and Recommendations. Elhra: Cardiff. August 2017.

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.

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Professional
skills

team leadership, leading multi-disciplinary networks, stakeholder engagement, project design and management, ethical research design, mixed-methods research methods, computational social science, systematic literature reviews, writing for wide audiences (academics, NGOs, policy makers, public, students), teaching, public speaking, research dissemination, Microsoft suite