

William Edward Rudgard

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📄 Will_Rudgard | orcid.org/0000-0002-7301-5217

Personal statement

William is a senior postdoctoral researcher in the Department for Social Policy and Intervention at the University of Oxford, an honorary research affiliate at the University of Cape Town's Centre for Social Science Research, and a research fellow at Nuffield College. His research sits at the intersection of global health, social policy, and development studies, focused on quantifying children's vulnerability and resilience to climate change, and informing evidence-informed, high-return, cost-effective combinations of social and health interventions to improve child and adolescent wellbeing across Africa.

William is Principal Investigator of two Gates Foundation-funded projects that use economic and health impact simulations to evaluate the impact, economic returns, and cost-effectiveness of scaling-up girls' empowerment interventions in the context of climate change in Nigeria and Ethiopia. He is also PI of a Wellspring Foundation funded project with the Government of Kenya and the World Bank to simulate the impact and economic returns of an adolescent cash 'plus' programme in eight counties. He established a partnership with UNICEF and Save the Children to spatially integrate social survey and satellite data, quantify children's vulnerability and resilience to climate hazards, and support evidence-based decision-making.

William has authored 30 peer-reviewed publications, with nine as first author and one as senior author. He has ten additional manuscripts under review or invited for revise and resubmit. Since 2023, he has raised US\$1.54 million in research funding as Principal Investigator. His work has been cited 564 times on Google Scholar, with an H-index of 14. He has strong methodological expertise in quantitative causal inference, multilevel modelling, and economic decision modelling, and is passionate about teaching and supervising students at both doctoral and masters level. He lectures on structural interventions, social determinants of health, and validity and bias.

Appointments

University of Oxford

Senior Postdoctoral Research Officer, Department of Social Policy and Intervention
Research Fellow, Nuffield College
2022-Present

University of Cape Town

Honorary Research Affiliate, Centre for Social Science Research
2022-Present

Previous Appointments

University of Oxford

Postdoctoral Research Officer, Department of Social Policy and Intervention
2019-2022

London School of Hygiene and Tropical Medicine

Research fellow in social epidemiology and mathematical modelling, Department of Infectious Disease Epidemiology
2016

Education

London School of Hygiene and Tropical Medicine

PhD in Epidemiology and Population Health, 2015-2019 | Funded by UK MRC
MSc in Control of Infectious Diseases, 2014-2015

University of Birmingham

BSc in Biomedical Science, 2010-2013

Research Grants, fellowships, and studentships

Award values are reported in nominal terms, reflecting their value at the time of award and in the original currency of the award. Since 2023, William has successfully raised US\$1.54 million in funding as Principal Investigator.

Principal Investigator

The Gates Foundation

Phase 1: Delaying marriage and improving adolescent SRH in Ethiopia

Award holder: Dr W Rudgard (Oxford) and Prof L Cluver (Oxford)

\$598,891

2025-2026

Highest Returns on Investments for Adolescent Girls in Nigeria

Award holder: Dr W Rudgard (Oxford) and Prof L Cluver (Oxford)

\$415,029

2024-2025

The Wellspring Philanthropic Fund

Accelerate Hub Research and Advocacy for Girls' Rights in Africa

Award holder: Dr W Rudgard (Oxford), A/Prof E Toska (UCT) Prof L Cluver (Oxford)

\$400,000

2024-2025

United Nations International Children's Emergency Fund (UNICEF)

Assessing impacts of community health worker interventions on adolescent wellbeing

Award holder: Dr W Rudgard (Oxford)

\$93,482

2024-2025

Oxford Policy Engagement Network (OPEN)

Fellowship Fund: Data-informed action on child climate resilience in Africa

Award holder: Dr W Rudgard (Oxford)

£19,973

2024

Seed Fund: Strengthening research-policy collaboration around child climate risk

Award holder: Dr W Rudgard (Oxford)

£4,959

2023

UK Medical Research Council

Flexible Funding Award: Placement with Kenya's National Tuberculosis Program

Award holder: Dr W Rudgard

£4807

2017

UK Medical Research Council Farr Institute

PhD studentship: Evaluating the role of social protection in preventing household financial hardship from illness in Brazil

Award holder: Dr W Rudgard

£66,817

2015

Co-Investigator

UK Research and Innovation Natural Environment Research Council (UKRI NERC)

Agile Initiative

Award holders: Prof L Cluver (Oxford), A/Prof S Flaxman (Oxford), A/Prof N Hart (Oxford)
£542,207
2025-2026

John Fell Oxford University Press Research Fund

Establishing an Oxford COVID-19 Child Research Unit
Award holders: Prof L Cluver (Oxford), A/Prof E Toska (UCT)
£106,495
2021-2022

Publications in peer-reviewed journals

Publications are listed with first or senior authored papers appearing first, followed by other contributions in chronological order.

1. **Rudgard WE**, Obiesie S (equal first author), Desmond C, Casale M, Cluver L. Assessing the cost-effectiveness of economic strengthening and parenting support for preventing violence against adolescents in Mpumalanga Province, South Africa: An economic modelling study using non-randomised data. *PLOS Global Public Health*. 2023. DOI: [journal.pgph.0001666](https://doi.org/10.1371/journal.pgph.0001666)
2. **Rudgard WE**, Saminathen MG (equal first author), Orkin M, Banounin BH, Toska E. Protective factors for adolescent sexual risk behaviours and experiences linked to HIV infection in South Africa: a three-wave longitudinal analysis of caregiving, education, food security, and social protection. *BMC Public Health*. 2023. DOI: [s12889-023-16373-5](https://doi.org/10.1186/s12889-023-16373-5)
3. **Rudgard WE**, Dzumbunu SP, Yates R, Toska E, Stockl H, Hertzog L, Emaway D, Cluver LD. Multiple Impacts of Ethiopia's Health Extension Programme on Adolescent Health and Wellbeing: a Quasi-Experimental Study 2002-2013. *Journal of Adolescent Health*. 2022. DOI: [jadohealth.2022.04.010](https://doi.org/10.1016/j.jadohealth.2022.04.010)
4. Költringer FA, Annerstedt KS, Boccia D, Carter D, **Rudgard WE** (Senior author). The social determinants of national tuberculosis incidence rates in 116 countries: a longitudinal ecological study between 2005–2015. *BMC Public Health*. 2023. DOI: [s12889-023-15213-w](https://doi.org/10.1186/s12889-023-15213-w)
5. **Rudgard WE**, Cluver LD (equal first author), Toska E, Orkin M, Ibrahim M, Langwenya N, Kuo C, Xaba N, Roehm K, Smith M, Yates R, Sherr L. Food security reduces multiple HIV infection risks for adolescent mothers in South Africa: A cross-sectional study. *Journal of the International AIDS Society*. 2022. DOI: [jia2.25928](https://doi.org/10.1002/jia2.25928)
6. **Rudgard WE**, Cluver LD (equal first author), Toska E, Zhou S, Campeau L, Shenderovich Y, Orkin M, Desmond C, Butchart A, Taylor H, Meinck F, Sherr L. Violence prevention accelerators for children and adolescents in South Africa: a path analysis using two pooled cohorts. *PLoS Med*. 2020. DOI: [journal.pmed.1003383](https://doi.org/10.1371/journal.pmed.1003383)
7. **Rudgard WE**, Chagas NS, Gayoso R, Barreto ML, Boccia D, Smeeth L, Rodrigues LC, Lönnroth K, Williamson E, Maciel ELN. Uptake of governmental social protection and financial hardship during drug-resistant tuberculosis treatment in Rio de Janeiro, Brazil. *European Respiratory Journal*. 2018. DOI: [13993003.00274-2018](https://doi.org/10.1183/13993003.00274-2018)
8. **Rudgard WE**, Evans CA, Sweeney S, Wingfield T, Lönnroth K, Barreira D, Boccia D. Comparison of two cash transfer strategies to prevent catastrophic costs for poor tuberculosis-affected households in low- and middle-income countries: An economic modelling study. *PLoS Med*. 2017. DOI: [journal.pmed.1002418](https://doi.org/10.1371/journal.pmed.1002418)
9. **Rudgard WE**, Carter DJ, Scuffell J, Cluver LD, Fraser-Hurt N, Boccia D. Cash transfers to enhance TB control: lessons from the HIV response. *BMC Public Health*. 2018. DOI: [s12889-018-5962-z](https://doi.org/10.1186/s12889-018-5962-z)
10. Little MT, Hertzog L, **Rudgard WE**, Toska E, Banounin B, Yates R, Chipanta D, Annor FB, Chiang L, Cluver L. Accelerators to reduce violence, HIV risk, and early pregnancy among adolescents and young people in

Namibia: A cross-sectional analysis of the Violence Against Children & Youth Survey. *PLOS Glob Public Health*. 2025. DOI: [e00004633](https://doi.org/10.1371/journal.pglp.00004633)

11. Hertzog L, Cluver L, Banounin BH, Saminathen MG, Little MT, Mchenga M, Yates R, **Rudgard WE**, Chiang L, Annor FB, Picchetti V, Masetti G, Foraci M, Sanaha R, Toska E. Social protection as a strategy for HIV prevention, education promotion and child marriage reduction among adolescents: a cross-sectional population-based study in Lesotho. *BMC Public Health*. 2024. DOI: [s12889-024-18903-1](https://doi.org/10.1186/s12889-024-18903-1)
12. Desmond C, Watt K, **Rudgard WE**, Sherr L, Cluver L. Whole of government approaches to accelerate adolescent success: efficiency and financing considerations. *Health Policy and Planning*. 2023. DOI: [czad112](https://doi.org/10.1093/heapol/czad112)
13. Toska E, Zhou S, Laurenzi CA, Saal W, **Rudgard WE**, Wittesaele C, Langwenya N, Jochim J, Banounin BH, Gulaid L, Armstrong A, Sherman G, Edun O, Sherr L, Cluver L. Healthcare provisions associated with multiple HIV-related outcomes among adolescent girls and young women living with HIV in South Africa: a cross-sectional study. *Journal of the International AIDS Society*. 2024. DOI: [jia2.26212](https://doi.org/10.1002/jia2.26212)
14. Machado DB, de Siqueira Filha NT, Cortes F, Castro-de-Araujo LFS, Alves FJO, Ramos D, Xavier EF, Zanghelini F, **Rudgard WE**, Humphreys DK, Barreto ML. The relationship between cash-based interventions and violence: A systematic review and evidence map. *Aggression and Violent Behavior*. 2024. DOI: [javb.2023.101909](https://doi.org/10.1016/j.avb.2023.101909)
15. Tamambang R, Kusi-Mensah K, Bella-Awusah T, Ogunmola O, Afolayan A, Toska E, Hertzog L, **Rudgard WE**, Evans R, Omigbodun O. Identifying potential catalysts to accelerate the achievement of Sustainable Development Goals (SDGs) among adolescents living in Nigeria. *Psychology, Health & Medicine*. 2024. DOI: [13548506.2023.2289476](https://doi.org/10.1080/13548506.2023.2289476)
16. Sherr L, Haag K, Tomlinson M, **Rudgard WE**, Skeen S, Meink F, Du Toit SM, Steventon Roberts KJ, Gordon SL, Desmond C, Cluver L. Understanding accelerators to improve SDG-related outcomes for adolescents—An investigation into the nature and quantum of additive effects of protective factors to guide policy making. *PLOS ONE*. 2023. DOI: [journal.pone.0278020](https://doi.org/10.1371/journal.pone.0278020)
17. Banounin BH, Toska E, Maughan-Brown B, **Rudgard WE**, Hertzog, Jochim J, Armstrong A, Cluver L. Associations of social media and health content use with sexual risk behaviours among adolescents in South Africa. *Sexual and Reproductive Health Matters*. 2023. DOI: [26410397.2023.2267893](https://doi.org/10.1080/26410397.2023.2267893)
18. Cluver LD, Zhou S, Orkin M; **Rudgard WE**, Meinck F, Langwenya N, Vicari M, Edun O, Sherr L; Toska, E. Impacts of intimate partner violence and sexual abuse on antiretroviral adherence among adolescents living with HIV in South Africa. *AIDS*. 2023. DOI: [QAD.0000000000003440](https://doi.org/10.1093/aids/0000000000003440)
19. Boccia D, **Rudgard WE**, Shrestha S, Lönnroth K, Eckhoff P, Golub J, Sanchez M, Maciel E, Rasella D, Shete P, Pedrazzoli D, Houben R, Chang S, Dowdy D. Modelling the impact of social protection on tuberculosis: the S-PROTECT project. *BMC Public Health*. 2018. DOI: [s12889-018-5539-x](https://doi.org/10.1186/s12889-018-5539-x)
20. Chen-Charles J, **Rudgard WE**, Doyle AM, Toska E, Cluver L. What do adolescents value most and is this affected by HIV status? Aspirations and self-perceptions from a large cohort study in South Africa. *Psychology, Health & Medicine*. 2022. DOI: [13548506.2022.2116059](https://doi.org/10.1080/13548506.2022.2116059)
21. Mebrahtu H, Skeen S, **Rudgard WE**, Du Toit S, Haag K, Roberts KJ, Gordon SL, Orkin M, Cluver L, Tomlinson M, Sherr L. Can a combination of interventions accelerate outcomes to deliver on the Sustainable Development Goals for young children? Evidence from a longitudinal study in South Africa and Malawi. *Child: Care, Health and Development*. 2022. DOI: [cch.12948](https://doi.org/10.1111/cch.12948)
22. Haag K, Du Toit S, **Rudgard WE**, Skeen S, Meinck F, Gordon SL, Mebrahtu H, Roberts KJ, Cluver L, Tomlinson M, Sherr L. Accelerators for achieving the sustainable development goals in Sub-Saharan-African children and young adolescents—A longitudinal study. *World Development*. 2022. DOI: [j.worlddev.2021.105739](https://doi.org/10.1016/j.worlddev.2021.105739)

23. Du Toit S, Haag K, Skeen S, Sherr L, Orkin M, **Rudgard WE**, Marlow M, Mehbratu H, Roberts KS, Tomlinson M. Accelerating progress towards improved mental health and healthy behaviours in adolescents living in adversity: findings from a longitudinal study in South Africa. *Psychology, Health & Medicine*. 2022. DOI: [13548506.2022.2108081](https://doi.org/10.13548506.2022.2108081)
24. Cluver L, Shenderovich Y, Toska E, **Rudgard WE**, Zhou S, Orkin M, Haghighat R, Chetty A, Kuo Caroline. Armstrong A; Sherr L. Clinic and care: associations with adolescent ART adherence in a prospective cohort in South Africa, *AIDS*. 2021. DOI: [QAD.0000000000002882](https://doi.org/10.1093/aids/0000000000002882)
25. Kusi-Mensah K, Tamambang R, Bella-Awusah T, Ogunmola S, Afolayan A, Toska E, Hertzog L, **Rudgard WE**, Evans R, Omigbodun O. Accelerating progress towards the sustainable development goals for adolescents in Ghana: a cross-sectional study. *Psychology, Health & Medicine*. 2022. DOI: [13548506.2022.2108086](https://doi.org/10.13548506.2022.2108086)
26. Casale M, Cluver L, Boyes M, Toska E, Gulaid L, Armstrong A, Shenderovich Y; **Rudgard WE**, Zhou S, Langwenya N. Bullying and ART Non adherence Among South African ALHIV: Effects, Risks, and Protective Factors, *Journal of Acquired Immune Deficiency Syndrome*. 2021. DOI: [QAI.0000000000002574](https://doi.org/10.1093/qai/0000000000002574)
27. Sinha P, Lönnroth K, Bhargava A, Heysell SK, Sarkar S, Salgame P, **Rudgard WE** et al. Food for thought: addressing undernutrition to end tuberculosis. *The Lancet Infectious Diseases*. 2021. DOI: [S1473-3099\(20\)30792-1](https://doi.org/10.1016/S1473-3099(20)30792-1)
28. **Rudgard WE**, Hirsch CA, Cox AR. Amateur endurance athletes' use of non-steroidal anti-inflammatory drugs: a cross-sectional survey. *International Journal of Pharmacy Practice*. 2018. DOI: [ijpp.12469](https://doi.org/10.1016/j.ijpp.12469)
29. Dittrich S, Card E, Phuklia W, **Rudgard WE**, Silousok J, Phoumin P, Bouthasavong L, Azarian S, Davong V, Dance DAB, Vongsouvath M, Phetsouvanh R, and Newton PN. Survival and Growth of *Orientia tsutsugamushi* in Conventional Hemocultures. *Emerging Infectious Diseases*. 2016. DOI: [eid2208.151259](https://doi.org/10.3201/eid2208.151259)
30. Dittrich S, **Rudgard WE**, Woods KL, Silisouk J, Phuklia W, Davong V, Vongsouvath M, Phommasone K, Rattanavong S, Knappik M, Craig SB, Weier SL, Tulsiani SM, Dance DAB, and Newton PN. The Utility of Blood Culture Fluid for the Molecular Diagnosis of *Leptospira*: A Prospective Evaluation. *American Journal of Tropical Medicine and Hygiene*. 2016. DOI: [ajtmh.15-0674](https://doi.org/10.4269/ajtmh.15-0674)

Reports and policy documents

1. UNICEF. Right On the Money: Making the Case for Rights Based Investments in Adolescent Girls. 2024. Available online [here](#).
2. Global Coalition to End Child Poverty. A Disproportionate Burden: Children in Poverty Bearing the Brunt of the Climate Crisis. Global Coalition to End Child Poverty Publications. 2023. Available online [here](#).
3. World Food Programme. Social protection, food security and nutrition: Critical enablers for adolescents and young people to end HIV and AIDS. WFP Regional Bureau of Johannesburg. 2022. Available online [here](#).
4. UNICEF Innocenti. Beyond Masks: Societal impacts of COVID-19 and accelerated solutions for children and adolescents. Innocenti Research Report. 2020. Available online [here](#).

Unpublished manuscripts and working papers

1. **Rudgard WE**, Desmond C, Asuma BS, Bandyopadhyay R, Obiesie S, Hurtado HG, Watt KG, Leite L, Yates R, Maughan-Brown B, Toska E, Cluver L. Empowering adolescents in Kenya: Modelling the short and long-term impacts of an adolescent cash-‘plus’ programme. Under review at *PLOS Medicine*. Preprint available at:
2. **Rudgard WE**, Dzumbunu S, Bandyopadhyay R, Ni S, Idele P, Toska E, Cluver L. Towards more equitable coverage of social transfers and school support for children in Southern African: A five-country analysis. Under review at *Oxford Development Studies*. Preprint available at SSRN: [10.2139/ssrn.5187713](https://ssrn.com/abstract=102139)
3. **Rudgard WE**, Hurtado HG, Fiala O, Delamonica E, Flaxman S, Petros S, Phuti M, Toska E, Cluver L. Flooding,

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drought and multidimensional child poverty in Malawi, Nigeria, and Uganda: An analysis using satellite enhanced survey data

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4. **Rudgard WE**, Sagini Asuma B, Kabiru C, Desmond C, Ajayi A, Cluver L. The role of community health volunteers in meeting the contraceptive needs of adolescent girls and young women in Kenya: A three-wave analysis. Under revise and resubmit at *BMJ Public Health*. Preprint available at SSRN: [10.2139/ssrn.5184365](https://ssrn.com/abstract=102139/ssrn.5184365)
5. **Rudgard WE**, Phuti M, Toska E, Cluver L, Trisos C. Amplifying evidence around children, adolescents, and youth in climate change impact and adaptation research. Under revise and resubmit at *Climate and Development*. Preprint available at:
6. **Rudgard WE**, Obiesie S, Hurtado HG, Bandyopadhyay R, Cluver L, Asuma BS, Yates R, Watt KG, Eltigani B, Desmond C. The case for rights-based investments in adolescent girls in Kenya: An economic modelling study. Preprint available at SSRN: [10.2139/ssrn.4796783](https://ssrn.com/abstract=102139/ssrn.4796783)
7. Lin Y, Adesina O, Asuma BS, Chen-Charles J, Chalasani S, Cluver Lucie, **Rudgard WE** (Senior author). Community-health workers and adolescents' health and wellbeing across sub-Saharan Africa: A systematic review. Under review at *Journal of Adolescent Health*.
8. Obiesie S, **Rudgard WE**, Cluver L. Intergenerational associations between Maternal Early Marriage and Child Labour in West and Central Africa. Under review at *World Development*. Preprint available at SocArXiv: [10.31235/osf.io/2adev.v1](https://doi.org/10.31235/osf.io/2adev.v1)
9. Hurtado HG, **Rudgard WE**, Desmond C, Leite L, Bandyopadhyay R, Eltigani B, Obiesie S, Yates R, Cluver L. Investment in Effective Programmes for Adolescent Girls – Global and Regional Benefit-Cost Ratio Estimates. Under review at *Development and Policy Review*. Preprint available at SSRN: [10.2139/ssrn.4795271](https://ssrn.com/abstract=102139/ssrn.4795271)
10. Hurtado HG, Desmond C, **Rudgard WE**, Obiesie S. 'Get Three for the Price of One': Evaluating the cost-effectiveness of multi-outcome interventions. Under review at *The Journal of Development Effectiveness*. Preprint available at SSRN: [10.2139/ssrn.4527863](https://ssrn.com/abstract=102139/ssrn.4527863)
11. Jochim J, **Rudgard WE**, Cluver L, Zhou S, Falajiki C, Steventon-Roberts K, Tolmay J, Tibini V, Ornellas A, Ibrahim M, George G, Toska E, Chen-Charles J. The role of food security and HIV status for adolescent mothers' school retention before and during the COVID-19 pandemic: A two-wave analysis in South Africa's Eastern Cape province. Under review at: *AIDS Care*.

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Correspondence and Press articles

1. **Rudgard WE**, Dzumbunu S. Community health workers in Ethiopia set out to promote health - in the process they've empowered girls in other ways too. *The Conversation*. 2023. Available online [here](#).
2. Proaño A, **Rudgard WE**, Gayoso O. The cost of tuberculosis sequelae. *European Respiratory Journal*. 2014. DOI: [10.1183/09031936.00062314](https://doi.org/10.1183/09031936.00062314)

Prizes and awards

University of Oxford

1. Excellence Award for Exceptional Performance, Department of Social Policy and Intervention, 2024
2. Nuffield College Non-Stipendiary Research Fellowship, 2022
3. Excellence Award for Exceptional Performance, Department of Social Policy and Intervention, 2022
4. Wolfson College Non-Stipendiary Research Fellowship in Humanities and Social Sciences, 2019

Corbis Sussex Global Health

1. Social Impact Award, 2018

Invited talks to policymakers and civil society

2025

- Formative Research for the Planned KSEIP2 Adolescent Program Adolescent Stakeholders Workshop, March 2025
- Kenya Ministry of Labour and Social Protection, Department of Child Services Invited Presentation, March 2025

2024

"Child climate exposure and vulnerability"

- United Nations General Assembly Science Summit, September, 2024
- UNICEF and BMZ Adaptive Social Protection – Evidence for Child Outcomes Webinar, May, 2024

"Rights-based investments in adolescent girls in Kenya"

- Girls Not Brides Online Learning Session, July, 2024
- Bill and Melinda Gates Foundation Deep Dive Learning Session on Child Marriage, July, 2024
- The Social Protection Inter-Agency Cooperation Board Gender Working Group Webinar, July, 2024
- World Bank Kenya Social and Economic Inclusion Project II Planning Meeting, June, 2024
- UK FCDO, UNICEF and Purposeful Resourcing Adolescent Girls' Learning Circle Meeting, May, 2024
- UNICEF MENA, UNFPA and Plan International. International Day of the Girl Child Event, October 2024

2022

"Child and adolescent sensitive social assistance in Eastern and Southern Africa"

- The Social Protection Inter-Agency Cooperation Board Gender Working Group Webinar, November, 2022

2021

"Multiple impacts of Ethiopia's Health Extension Programme on Adolescent Health and Wellbeing"

- Girls Not Brides Africa Action Group to End Child Marriage, August, 2021
- Girls Not Brides and UNFPA/ UNICEF Global Programme Child Marriage Research to Action Network webinar, June, 2021
- Ethiopia Ministry of Women Children and Youth Research and Practice Forum, April, 2021

Conference abstracts

The Education and Development Forum (UKFIET) Conference (2025)

Development Studies Association Annual Conference (2025)

Lusaka Regional Conference on Poverty Reduction and Climate Resilience (2025)

World Congress of Epidemiology (2024)

International Sociological Society Poverty, Social Welfare and Social Policy Meeting (2022, 2024)

International Health Economics Association Conference (2023)

AIDS Impact International Conference (2019, 2023)

The International AIDS Conference (2022)

IAS Conference on HIV Science (2021)

Social Medicine and Population Health Annual Meeting (2021)

University services

Departmental Research and Teaching Staff Representative (2024-2025)

Departmental Fixed-Term Researcher Representative at Social Science Division Research Staff Forum (2024-2025)

Departmental First Aider (2022-present)

Teaching experience

I have delivered postgraduate lectures on the topics of Structural Interventions, Social Determinants of Health, and Validity and Bias at the University of Oxford. I co-supervise one doctoral student in Social Intervention and Policy Evaluation at University of Oxford and am advisor to one doctoral student in Demography at University of Cape Town. I have co-supervised eight MSc projects across Statistics and Global Health across the Universities of Oxford, Karolinska Institutet, and The London School of Hygiene and Tropical Medicine. I also supervised one University of Oxford graduate access summer internship.

Postgraduate Lectures

Structural Interventions. MSc in Evidence Based Social Interventions and Social Policy Evaluation, University of Oxford – 2021-2025

Validity and Bias. MSc in Evidence Based Social Interventions and Social Policy Evaluation, University of Oxford – 2021-2025

Social Determinants of Tuberculosis. MSc in International Health and Tropical Medicine, University of Oxford – 2019.

Other Teaching

Capacity building series on multilevel modelling (Online). Organised and co-delivered a 12-session online capacity building event to 45 early career researchers across 13 countries – 2021.

Capacity building series on the assumptions of causal inference (Online). Organised and coordinated an online working group that included 8 early career researchers across five Universities – 2022/23.

Webinar on longitudinal data analysis using structural equation modelling (Online). Co-organised and co-delivered online webinar to 15 early career researchers across five Universities – 2020.

Demonstrator on Social epidemiology MSc Module (LSHTM). Assist with the delivery of pre-designed practical sessions, helping students to run analyses and interpret their results – 2017.

Peer reviewing and grant evaluation

I regularly peer-review manuscripts and have reviewed for journals including *The Lancet Child & Adolescent Health* and *BMC Public Health*. I have served as a reviewer for MRC grant applications (2025) and have conducted internal grant reviews for the University of Oxford, including for the Oxford Policy Engagement Network (2025), and the Global Challenges Research Fund (GCRF) (2019, 2020).

Professional courses

2023: **edX Causal Diagrams: Draw Your Assumptions Before Your Conclusions**, Harvard University, Online

2022: **Summer Institute in Computational Social Science (SICCS) - Oxford**, Nuffield College in conjunction with Saïd Business School and Leverhulme Centre for Demographic Science, University of Oxford.

2022: **Causal Inference in Epidemiology: Concepts and Methods**, University of Bristol, Online

2022: **Causal Mediation Analysis**, Statistical Horizons, Online

2021: **Introduction to Machine Learning for Causal Analysis Using Observational Data**, NCRM, Online

2020: **Longitudinal Data Analysis Using SEM**, Statistical Horizons, Online

Healthcare policy experience

2018: Operational monitoring and evaluation for Kenya's National Tuberculosis Program, Nairobi, Kenya.

2014: Part time technical assistant for World Health Organization WPRO, Vientiane, Lao PDR.

2014: Infectious disease surveillance, prevention and control intern at Pan American Health Organization, Lima, Peru.

Membership of professional societies

Society for Social Medicine and Population Health Early Career Researcher
International Epidemiological Association Early Career Researcher
International Health Economics Association Early Career Researcher
University and College Union

Foreign language skills

| | Spoken | Reading | Writing |
|-------------|----------|----------|----------|
| Italian: | Advanced | Advanced | Good |
| Spanish: | Good | Good | Good |
| Portuguese: | Good | Good | Moderate |