

Lucas Hertzog    

Curtin University, School of Population Health
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Population Health Sociologist focused on combining advanced statistics with geospatial analysis to improve human health and well-being, producing evidence-based policy-influential insights to enhance climate resilience among vulnerable populations

EDUCATION

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|---|-------------|
| PhD in Sociology | 2015 - 2019 |
| MSc in Sociology | 2013 - 2015 |
| Bachelor in Social Sciences | 2007 - 2012 |
| Federal University of Rio Grande do Sul | Brazil |
| <i>Additional Training</i> | |
| Graduate Certificate in Education – Sociology | 2018 - 2019 |
| North Paraná University | Brazil |
| Development Studies (Visiting Student, Erasmus Mundus) | 2010 - 2011 |
| Lund University | Sweden |

WORK EXPERIENCE

♦ Full time appointments

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| Research Associate | 2023 - Present |
| Curtin University, School of Population Health | Australia |
| Healthy Environments and Lives (HEAL) Network | |
| WHO Collaborating Centre for Climate Change and Health Impact Assessment | |
| Research Fellow | 2020 - 2023 |
| University of Cape Town, Centre for Social Science Research | South Africa |
| UKRI GCRF Accelerating Achievement for Africa's Adolescents Hub | |
| Lecturer | 2019 |
| Federal University of Fronteira Sul, Social Sciences Department | Brazil |
| Research Associate | 2014 - 2016 |
| Ministry of Justice, Brazilian National Secretariat for Policies on Drugs | Brazil |

♦ Part time appointments

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| Sociology Teacher | 2018 |
| Emílio Meyer High School, Grades 11 and 12 | Brazil |
| Research & Teaching Assistant | 2009-2010 |
| Federal University of Rio Grande do Sul, Sociology Department | Brazil |

♦ Policy Implementation (non-academic)

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| Social Housing Analyst | 2011 - 2014 |
| CAIXA (Federal Savings Bank) | Brazil |

CONSULTANCY (UN FAMILY)

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| Social Protection Consultant United Nations High Commissioner for Refugees (UNHCR) | 2022 - US\$27,000 South Africa |
| Digital opportunities for adolescents during COVID UNICEF Office of Research - Innocenti | 2020 - pro bono Italy |

FUNDING (~ \$200,000)

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| Incentive scheme grant (multiple awards) Curtin University, School of Population Health | 2023 - \$70,791 Australia |
| NDA Community Connect Australia Research Data Commons (ARDC) | 2023 - \$40,000 Australia |
| Conference Travel and Grant Seeker Excellence Awards University of Cape Town | 2022 - ZAR 35,000 South Africa |
| Multiple awards and fellowships National Council for Scientific and Technological Development | 2009 - 2019 - BRL 166,800 Brazil |
| IASSIST Fellows Award International Association for Social Science Information Service and Technology | 2022 - US\$2,000 USA |
| Mobility Scholarship to Lund University European Commission - EACEA | 2010 - 2011 - EUR 20,000 Sweden |

PUBLICATIONS

banounin_associations_2023

CONFERENCES

hertzog_exposure_2023

TEACHING

Guest Lecturer

- Climate Change, Health and Big Data Curtin University, Australia, 2023
- Global Public Health & SDGs Curtin University, Australia, 2023
- Sociology of Work Federal University of Rio Grande do Sul, Brazil, 2017

Lecturer

- Social Theory University of Fronteira Sul, Brazil, 2019
- Human Rights and Citizenship University of Fronteira Sul, Brazil, 2019
- Education and society University of Fronteira Sul, Brazil, 2019

Teaching Assistant

- Sociological Theory Federal University of Rio Grande do Sul, Brazil, 2014
- Social Inequality Studies Federal University of Rio Grande do Sul, Brazil, 2009

SUPERVISION

Ongoing

3. Madison Little, **PhD**. Evidence-based interventions in sub-Saharan Africa to prevent violence against vulnerable children and adolescents. Department of Social Policy & Intervention, University of Oxford, 2022-2024 (expected). Co-supervision with Prof Lucie Cluver.

Completed

2. Buthaina Eltigani, **Placement Supervision, MSc level**, Department of Social Policy & Intervention, University of Oxford. Placement at the University of Cape Town, 2022. Co-Supervision with Dr Elona Toska.
1. Jeong Hyun Cho, **Honours**. Digital Literacy- A Critical Review of conceptualization of Digital Skills and Competencies among Young People in Low-and-Middle-Income Countries. Department of Sociology, University of Cape Town. 2022. Co-Supervision with Dr Elona Toska.

PUBLIC HEALTH PROJECTS

8. Environmental Health

Bushfire/climate change impacts on health outcomes 2023-Present
Support the Data and Decision Support Systems (DDSS) work package of the NHMRC's HEAL national network with a focus on methodology for data analysis and synthesis. DDSS lead: Dr Ivan Hanigan.

7. Perinatal mortality

Systematic review of economic evaluations to reduce perinatal morbidity and mortality 2023-Present
CI in a project to unpack the most effective interventions for achieving SDG 3.2

6. Infectious diseases (TB)

Burden and risk factors of long-term sequelae associated with drug-resistant tuberculosis 2023-Present
Project Manager and CI for a retrospective cohort study conducted at Gondar University Referral Hospital in northwest Ethiopia (n 1,000)

5. Violence Prevention

Capitalising on the new VACS (Violence Against Children Surveys) to explore violence prevention provisions for Africa's adolescents 2021-Present
In partnership with CDC (United States' Centers for Disease Control and Prevention) and Together for Girls, my role in this project is to coordinate the secondary data analysis and lead the quantitative data analysis component. PIs: Prof Lucie Cluver and Dr Elona Toska

4. Gendered Risks and HIV Prevention

Global Fund Strategic Initiative on Adolescent Girls and Young Women - Review of the programmatic and cost effectiveness of national frameworks for AGYW programs in five sub-Saharan African countries 2021-2023

Improve prevention and treatment outcomes for young women, focusing on key pathways to HIV infection, including sexual violence and school dropout. PI: Dr Elona Toska

Support evidence-based programming in Mozambique, by assessing existing and potential frameworks and service packages, make recommendations on how they can be refined to ensure they are evidence-informed, cost-effective, and aligned with the latest technical guidance.

3. Development Accelerators Focusing on Health Outcomes

UKRI GCRF Accelerating Achievement for Africa's Adolescents Hub 2020-2023

Generate evidence on which development accelerators – alone and in synergy with each other – can support adolescents in Africa to reach multiple SDGs. PI: Prof Lucie Cluver

I coordinate a work package of eight quantitative studies in sub-Saharan Africa (South Africa, Malawi, Zambia, Tanzania, Nigeria, Ghana, and Sierra Leone), focusing on the identification of social interventions and key areas that are associated with positive multiplier effects on adolescents' lives, using indicators aligned with the United Nations SDGs with a special attention on health outcomes.

2. Health Policy Outreach and Consultancy

Digital opportunities for adolescents during the pandemic 2020
UNICEF Office of Research - Innocenti Italy

Writing contributor for the Innocenti Research Report '[Beyond Masks: Societal impacts of COVID-19 and accelerated solutions for children and adolescents](#)'

Local Government 2016
Municipal Chamber of Porto Alegre Brazil

Adaptation and implementation of the programme 'Open Arms' (first implemented in the city of São Paulo) in the city of Porto Alegre. I built relationships with policymakers and connected policymakers to academics involved in the National Programme 'Social Genesis of Crack'.

1. Mental Health and Drug Policy

Social Genesis of Crack in Brazil 2014-2016

Research with vulnerable populations with a history of psychoactive substance misuse. Policy influencing at national and local levels to adapt and implement interventions tested in São Paulo. PI: Prof Jessé Souza

I coordinated the fieldwork in South Brazil and built relationships with high-ranked government officials to implement and scale-up local initiatives to support individuals with a history of substance misuse. Our focus in this project was to influence the policy on drugs in Brazil and to promote changes in the legislation to stimulate the promotion of public health and social development initiatives.

COMMUNITY ENGAGEMENT

Local Government 2018
Santa Catarina State Brazil

Reviewed ten community projects to test small-scale interventions to address local challenges in the Santa Catarina State (South Brazil). The projects were designed to involve the local

communities (with a high prevalence of vulnerable indigenous populations) in addressing issues such as job opportunities for young people, gender-based violence, and school enrollment.

Local Government 2016
Municipal Chamber of Porto Alegre Brazil

I built relationships with city councillors and community leaders and organised an event to disseminate the findings from the National Project ‘Social Genesis of Crack in Brazil’.

DEPARTMENTAL ACADEMIC ADMINISTRATION

I PhD Research Proposal Reviewer

- (i) Albaraa Milibari. Impact of Air Pollution during cultural events and COVID lock-downs on Cardiovascular-Respiratory Morbidity and Mortality in Makkah, Saudi Arabia. Spring 2023, Curtin School of Population Health
- (ii) Melaku Birhanu Alemu. Youth preferences for sexual and reproductive health services in Ethiopia. Spring 2023, Curtin School of Population Health

II Selection Panel

- (i) Post-doc fellow, 3 positions across the year University of Cape Town, 2022
- (ii) Research Officer University of Cape Town, 2020
- (iii) Data Collectors, 4 positions Ministry of Justice, Brazil, 2014

III Staff Training and Management

- (i) Research Assistant University of Cape Town, 2022-23
- (ii) Junior Information Officer University of Cape Town, 2021-23
- (iii) 2 Post-doc fellows University of Cape Town, 2020-21
- (iv) 2 Data Collectors Ministry of Justice, Brazil, 2014-16

IV Other Departmental Service

- (i) Data Curation & Management University of Cape Town, 2020-23
- (ii) eLearning Capacity Building (Quants methods) University of Cape Town, 2020-23
- (iii) Member of the Anti-Racism Committee UKRI Accelerate Hub, 2020-23

SERVICE IN THE ACADEMIC COMMUNITY

Referee 2018
XXX UFRGS Scientific Initiation Meeting
Federal University of Rio Grande do Sul Brazil

Ad-hoc Journal Reviewer

Psychology, Health & Medicine (2), Journal of Adolescent Health (1), BMC Public Health (1), South African Journal of Science (1), IASSIST Quarterly (1), E-Compós (1), Fronteiras - estudos midiáticos (1), Contraponto (1)

CAPACITY BUILDING AND E-LEARNING

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| Summer Institute in Computational Social Science (SICSS) | 2020 |
| Stellenbosch University / Duke University / Princeton University | South Africa / USA |
| Creation of e-Learning materials | 2018 |
| Bahia State University | Brazil |
| Strategic Planning for Public Organizations and Public Budget | 2018 |
| National School of Public Administration | Brazil |

MEDIA COVERAGE

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| Croakey Health Media (Australia) | 2023 |
| Tackling bushfire threats: lessons from the HEAL 2023 conference | |
| Instituto Humanitas Unisinos (Brazil) | 2020 |
| Report about my web-conference on the future of work | |
| Instituto Humanitas Unisinos (Brazil) | 2020 |
| Interview about digital work | |
| UFRGS Ciência (Brazil) | 2019 |
| Interview about the intersection between work and new digital technologies | |

SKILLS

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| Quantitative packages | R, Stata |
| Geospatial data | QGIS |
| Graphics Design | Adobe Photoshop |
| Document preparation | L ^A T _E X, MS Office |
| E-Learning | Moodle, MS Teams, Zoom, Wikispaces |
| Languages | Portuguese, English, French, Spanish |

REFERENCES

Dr Julio Salom

Research collaborator
Public Administration Department
Santa Catarina State University
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Dr Boladé Banounin

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Prof Alex Niche Teixeira

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Dr Leon Garcia

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Prof Jeremy Seekings

CSSR Director
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Dr Ivan Hanigan

Current line-manager

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