

Lucas Hertzog    

## Quantitative Sociologist

Environmental Health ◊ Social Protection ◊ Climate Change

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## FUNDING (~ \$200,000)

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

## UNITED NATIONS CONSULTANCY

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

## SKILLS

|                      |                                      |
|----------------------|--------------------------------------|
| Coding               | R, GitHub, Stata                     |
| Geospatial data      | QGIS                                 |
| Graphics Design      | Adobe Photoshop                      |
| Document preparation | L <sup>A</sup> T <sub>E</sub> X      |
| Languages            | Portuguese, English, French, Spanish |

## PUBLICATIONS

### Manuscripts in preparation

26. **Hertzog**, L., Morgan, G., Pereira, G., Lawrence, D., Vyas, A., Newnam, E., Tschakert, P., Charlson, F. J., Heyworth, J., Jalaludin, B., and Hanigan, I. (n.d.b). Heat and suicide in Australia 2000-2019. *MJA*
25. Little, M. T., **Hertzog**, L., Rudgard, W., Toska, E., Banougnin, B., Yates, R., Chipanta, D., and Cluver, L. (n.d.). Identifying SDG accelerators to prevent violence, HIV risk, and early pregnancy among adolescents and young people in Namibia: A cross-sectional analysis of the 2019 Violence Against Children Survey. *PLOS Global Public Health*

24. Banounnin, B., Castor, D., Baluku, J., Dzumbunu, S., Somefun, O., Sene, W., Chipanta, D., and **Hertzog**, L. (n.d.). Social protection and HIV risk factors among young people in six Southern African countries: an analysis of data from the cross-sectional Population-based HIV Impact Assessment surveys. *The Lancet Child & Adolescent Health*
23. Amo-Agyei, S., Keiser, O., Estill, J., **Hertzog**, L., Xaba, N., Mabhele, S., and Chipanta, D. (n.d.). Missing the poorest—Inequalities in access to social protection among the public, people living with HIV, and adolescent girls and young women in 13 sub-Saharan African countries: Analysis of population-based surveys. *PLOS Global Public Health*

### In press/under review

22. **Hertzog**, L., Morgan, G., Yuen, C., Gopi, K., Pereira, G., Johnston, F., Cope, M., Chaston, T. B., Vardoulakis, S., Vyas, A., and Hanigan, I. (n.d.c). Mortality Burden Attributable to Exceptional PM<sub>2.5</sub> Air Pollution Events in Australian Cities: A Health Impact Assessment. *Heliyon*
21. Gebremedhin, T., Tessema, G., **Hertzog**, L., Newnam, E., Dachew, B., and Makate, M. (n.d.). Cost-effectiveness and benefits of perinatal health interventions in high income settings. *BMJ Open*
20. **Hertzog**, L., Cluver, L., Banounnin, B. H., Saminathen, M. G., Little, M. T., Yates, R., Rudgard, W., Chiang, L. F., Annor, F., Picchetti, V., Massetti, G., Hegle, J., Foraci, M., and Toska, E. (n.d.a). 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*
19. Alene, K. A., **Hertzog**, L., Gilmour, B., Clements, A., and Murray, M. (n.d.). Interventions to prevent post-tuberculosis sequelae: a systematic review and meta-analysis. *eClinicalMedicine*

### Refereed Journals - Published

18. Banounnin, B. H., Toska, E., Maughan-Brown, B., Rudgard, W., **Hertzog**, L., Jochim, J., Armstrong, A., and Cluver, L. (2023). Associations of social media and health content use with sexual risk behaviours among adolescents in South Africa. *Sexual and Reproductive Health Matters*, 31(1):2267893 [doi](#)
17. **Hertzog**, L., Chen-Charles, J., Wittesaele, C., De Graaf, K., Titus, R., Kelly, J., Langwenya, N., Baerecke, L., Banounnin, B., Saal, W., Southall, J., Cluver, L., and Toska, E. (2023). Data management instruments to protect the personal information of children and adolescents in sub-Saharan Africa. *IASSIST Quarterly*, 47(2). [doi](#)
16. **Hertzog**, L., Banounnin, B. H., Stöckl, H., and Toska, E. (2022). Accelerating ontological security for South African adolescents living in high HIV-prevalence areas: a longitudinal study. *Psychology, Health & Medicine*, pages 1–22. [doi](#)
15. Chipanta, D., Estill, J., Stöckl, H., **Hertzog**, L., Toska, E., Chanda, P., Mwanza, J., Kaila, K., Matome, C., Tembo, G., Keiser, O., and Cluver, L. (2022). Associations of Sustainable Development Goals Accelerators With Adolescents' Well-Being According to Head-of-Household's Disability Status—A Cross-Sectional Study From Zambia. *International Journal of Public Health*, 67:1604341. [doi](#)
14. Rudgard, W. E., Dzumbunu, S. P., Yates, R., Toska, E., Stöckl, H., **Hertzog**, L., Emaway, D., and Cluver, L. (2022). Multiple Impacts of Ethiopia's Health Extension Program on

Adolescent Health and Well-Being: A Quasi-Experimental Study 2002–2013. *Journal of Adolescent Health*, page S1054139X22004189. [doi](#)

13. Mosha, N., Mshana, G., Toska, E., **Hertzog**, L., Desmond, C., Cluver, L., Kapiga, S., and Stöckl, H. (2022). Intergenerational education and violence effects on adolescent education, early employment and adolescent parenting. *Psychology, Health & Medicine*, pages 1–14. [doi](#)
12. Kusi-Mensah, K., Tamambang, R., Bella-Awusah, T., Ogunmola, S., Afolayan, A., Toska, E., **Hertzog**, L., Rudgard, W., Evans, R., and Omigbodun, O. (2022). Accelerating progress towards the sustainable development goals for adolescents in Ghana: a cross-sectional study. *Psychology, Health & Medicine*, pages 1–18. [doi](#)
11. **Hertzog**, L., Wittesaele, C., Titus, R., Chen, J. J., Kelly, J., Langwenya, N., Baerecke, L., and Toska, E. (2021). Seven essential instruments for POPIA compliance in research involving children and adolescents in South Africa. *South African Journal of Science*, 117(9/10). [doi](#)

## Publications in Portuguese

10. **Hertzog**, L. and Mello, L. G. d. (2020). An intersectional approach to inequalities: ruptures with hierarchical views. *Contemporânea - revista de sociologia da UFSCar*, 10(1):229–247. [doi](#)
9. **Hertzog**, L. (2019). Between the spectacularisation of everyday life and working-class pragmatism: theoretical elements for understanding subjectivities on YouTube. *Revista Inter-Legere*, 2(26):1–24. [doi](#)
8. **Hertzog**, L. 2018. Sociological considerations on the treatment of psychoactive substances users. *Contraponto*, v.5, pp. 06-23. [doi](#)
7. **Hertzog**, L. (2018). Cultural processes and relations with social inequalities: cultural sociology theoretical contributions. *Estudos de Sociologia*, 1(24):39–62 [doi](#)
6. **Hertzog**, L. and Weiss, R. A. (2015). Sociological moral purposes: on the meanings of the normal concept in Émile Durkheim’s theory. *Mediações - Revista de Ciências Sociais*, 20(2):312 [doi](#)

## Other Publications

5. He, E., **Hertzog**, L., Toska, E., Carty, C. & Cluver, L. 2020. mHealth entry points for HIV prevention and care among adolescents and young people in South Africa. *CSSR Working Paper*, (457). [doi](#)
4. **Hertzog**, L. 2019. *Give it a like, share, and subscribe: a sociological study about work and new digital technologies on YouTube Brazil*. Thesis (PhD in Sociology). Federal University of Rio Grande do Sul (UFRGS). 339p. [doi](#)
3. **Hertzog**, L. 2016. Anonymity and urban abandonment. In: Souza, J. (ed) *Crack and social exclusion*. Brasília, Brazil: Ministry of Justice. pp. 75-102. [doi](#)
2. **Hertzog**, L. 2015. *Social abandonment and substance abuse in Porto Alegre*. Dissertation (MSc in Sociology). Federal University of Rio Grande do Sul. 119p [doi](#)
1. **Hertzog**, L. 2012. *Getting back to work: an ethnographic study in an alcohol and drugs psychosocial care centre*. Monograph (BA in Social Sciences). Federal University of Rio Grande do Sul. 57p. Hard copy (unpublished online).

## CONFERENCES

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**Hertzog, L.** (2023a). Exposure to exceptional PM<sub>2.5</sub> air pollution events increases mortality risk in Australian cities: a health impact assessment. HEAL Conference, Australia.

**Hertzog, L.** (2023b). Increased risks of mortality in the 21st century (2001-2020) attributable to air pollution generated by bushfires in Australia. Institute of Australian Geographers Conference, Perth, Australia.

**Hertzog, L.** (2022). Research Governance strategies to safeguard the personal information of children and adolescents in sub-Saharan Africa. IASSIST 2022 Conference, Gothenburg, Sweden.

## TEACHING & TALKS

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- Reproducible Pipelines in Climate Change Research    Curtin University, Australia, 2023
- Climate Change, Health and Big Data    Curtin University, Australia, 2023
- Global Public Health & SDGs    Curtin University, Australia, 2023
- Research Governance    University of Oxford, UK, 2022
- Measuring SDGs    University of Cape Town, South Africa, 2022
- Social Theory    University of Fronteira Sul, Brazil, 2019
- Human Rights and Citizenship    University of Fronteira Sul, Brazil, 2019

## ONGOING PROJECTS AND VISION

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- **Environmental Health**  
Combine advanced statistics with geospatial analyses to improve human health and well-being
- **Social Protection and Climate Change**  
Generate evidence-based insights to influence policy and improve climate resilience among vulnerable populations
- **Big Data**  
Facilitate engagement with state-of-the-art technologies by improving user experience and using big data for real-world impactful research