

## CURRICULUM VITAE

# FRANÇOIS VAN SCHALKWYK

## RESEARCHER

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## EDUCATION

2015-2019	Ph.D. in Science and Technology Studies, Stellenbosch University
2008-2011	M.Ed. in Higher Education Studies, University of the Western Cape
1196-1997	M.Phil. in Publishing Studies (Distinction), University of Stirling
1995	BA(Hons) in English (First Class), University of Cape Town
1992-1994	BA (Distinction in English), University of Cape Town
1990	Matriculation. South African College High School, 1990 (Cape Senior Certificate, A aggregate)

## PUBLICATIONS

- Journal articles**
- Van Schalkwyk F, Cloete N. & Van Lill MH** (forthcoming). Brain circuitry: The case of South Africa as a hub for doctoral education in Africa. *South African Journal of Science*.
- Van Schalkwyk F, Van Lill MH, Cloete N. et al.** (2021). Transformation impossible: policy, evidence and change in South African higher education. *Higher Education*. <https://doi.org/10.1007/s10734-021-00687-7>
- Van Schalkwyk F** (2021) Reflections on the public university sector and the Covid-19 pandemic in South Africa. *Studies in Higher Education*. DOI: 10.1080/03075079.2020.1859682
- Van Schalkwyk F, Dudek J & Costas R** (2020) Communities of shared interests and cognitive bridges: The case of the anti-vaccination movement on Twitter. *Scientometrics* 125:1499-1516. DOI: 10.1007/s11192-020-03551-0
- Van Schalkwyk, F** (2020) Normative drift and self-correction in scholarly book publishing: The case of Makerere University. *Learned Publishing* 33(3):259-268. DOI:10.1002/leap.1292
- Van Schalkwyk F & De Lange G** (2018) The Engaged University and the Specificity of Place: The case of Nelson Mandela Metropolitan University. *Development Southern Africa* 35(5):641- 656. DOI: 10.1080/0376835X.2017.1419858
- Luescher T & **Van Schalkwyk F** (2018) African University Presses and the Institutional Logic of the Knowledge Commons. *Learned Publishing* 31(S1): 288-298. DOI: 10.1002/leap.1187
- Andrason A & **Van Schalkwyk F** (2017) Opportune Niches in Data Ecosystems: Open Data Intermediaries in the Agriculture Sector in Ghana. *SSRN*. DOI: 10.2139/ssrn.2949722
- Van Schalkwyk F, Canares M, Chattapadhyay S & Andrason A** (2016) Open Data Intermediaries in Developing Countries. *Journal of Community Informatics* 12(2): 9-25
- Sharif R & **Van Schalkwyk F** (2016) Introduction to Special Issue on Open Data for Social Change and Sustainable Development. *Journal of Community Informatics* 12(2): 4-8.
- Van Schalkwyk F, Willmers M & McNaughton M** (2016) Viscous Open Data: The Roles of Intermediaries in an Open Data Ecosystem. *Journal of Information Technology for Development* 22: Sup 1: 68-83. DOI: 10.1080/02681102.2015.1081868
- Willmers M, **Van Schalkwyk F** & Schonwetter T (2015) Licensing Open Data in Developing Countries: The Case of the Kenyan and City of Cape Town Open Data Initiatives. *African Journal of Information and Communication* 16: 26-37.
- Grey E, **Van Schalkwyk F** & Bruns K (2004) Digital Publishing and Open Access for Social Science Research Dissemination: A Case Study. *Africa Media Review* 15(1&2): 22-57.
- Van Schalkwyk F** (1998) Beyond Copyright: Reconsidering the author/publisher/reader relationship. *Logos* 9(4): 207-218.

**Books**

- Cloete N, Bunting I & Van Schalkwyk F (2018) *Research Universities in Africa*. Cape Town: African Minds.
- Bank L, Cloete N & Van Schalkwyk F (eds) (2018) *Anchored in Place: Rethinking Universities and Development*. Cape Town: African Minds.
- Van Schalkwyk F, Verhulst S, Magalhaes G, Pane J & Walker J (eds) (2017). *The Social Dynamics of Open Data*. Cape Town: African Minds.
- Muller J, Cloete N & Van Schalkwyk F (2017) *Castells in Africa: Universities and Development*. Cape Town: African Minds

**Book chapters**

- Van Schalkwyk F (2019) The amplification of uncertainty: The use of science in the social media by the anti-vaccination movement. In P Weingart, M Joubert & B Falade (eds), *Science Communication in South Africa: Reflections on Current Issues* (pp. 170-212). Cape Town: African Minds.
- Van Schalkwyk F & Canares M (2020) Open Data and Inclusive Development. In: ML Smith & RK Seward (eds), *Making Open Development Inclusive*. Cambridge MA: MIT Press.
- Van Schalkwyk F & De Lange, G (2018) The engaged university and the specificity of place: The case of Nelson Mandela Metropolitan University. In Bank L, Cloete N & Van Schalkwyk F (eds), *Anchored in Place: Rethinking Universities and Development*. Cape Town: African Minds.
- Van Schalkwyk F & Verhulst S (2017) Introduction: The state of open data and open data research. In: Van Schalkwyk F, Verhulst S, Magalhaes G, Pane J & Walker J (eds) (2017). *The Social Dynamics of Open Data*. Cape Town: African Minds. DOI: 10.5281/zenodo.1117807
- Van Schalkwyk F, Verhulst S & Young A (2017) Ghana's Esoko. In S Verhulst & A Young (eds), *Open Data in Developing Countries*. Cape Town: African Minds. pp. 191-205.
- Van Schalkwyk F, Verhulst S & Young A (2017) South Africa's Medicine Price Registry. In S Verhulst & A Young (eds), *Open Data in Developing Countries*. Cape Town: African Minds. pp. 152-167.
- Van Schalkwyk F (2017) African Universities and Connectedness in the Information Age. In: J Muller, N Cloete & F Van Schalkwyk (eds), *Castells in Africa: Universities and Development*. Cape Town: African Minds.
- Elena S & Van Schalkwyk F (2016) Open Data for Open Justice in Seven Latin American Countries. In: Carlos E. Jiménez & Mila Gasco (Eds), *Achieving Open Justice through Citizen Participation and Transparency*. IGI Global.
- Van Schalkwyk F (2015) University Engagement as Interconnectedness: Indicators and Insights. In: N Cloete, P Maassen & T Bailey, *Knowledge Production and Contradictory Functions in African Higher Education*. Cape Town: African Minds.
- Cloete N, Maassen P, Bunting I, Bailey T, Wangenge-Ouma G & Van Schalkwyk F (2015) Managing Contradictory Functions and Related Policy Issues. In: N Cloete, P Maassen & T Bailey, *Knowledge Production and Contradictory Functions in African Higher Education*. Cape Town: African Minds.
- Van Schalkwyk F & Bailey T (2013) Beyond Engagement: Exploring Tensions between the Academic Core and Engagement Activities at Nelson Mandela Metropolitan University, South Africa. In: *Beyond the Apartheid University? Interrogating the Transformation of the South African Higher Education Landscape*. Alice: University of Fort Hare Press.

**Conference proceedings**

- Van Schalkwyk F, Dudek J & Costas R (2019) Using altmetrics to study social movements and cognitive bridges in the communication of science in the social media: The case of the anti-vaccination movement on Twitter. *Proceedings of the 17th International Conference on Scientometrics & Informetrics*, 2-5 September 2019, Rome.
- Elena S, Stalker G, Jiménez CE, Van Schalkwyk F & Cañares M (2015) Open Government and Open Data: A Global Perspective. *Proceedings of the eDemocracy & eGovernment (ICEDEG), 2015 Second International Conference*, 9-13 May, Quito.
- Van Schalkwyk F (2013) Supply-side Variants in the Supply of Open Data in South African Public University Governance. In T Janowski, J Holm & E Estevez (eds), *Proceedings of the 7th International Conference on Theory and Practice of Electronic Governance*, Seoul, Republic of Korea, 22-25 October 2013 (ICEGOV2013). ACM Press, International Conference Proceedings Series.

**Articles in the media**

- Cloete N, Leibbrandt M & Van Schalkwyk F (2020, 21 May) Social science shows it can contribute to COVID-19 policy-making. *University World News*. <https://www.universityworldnews.com/post.php?story=20200520144250507>
- Van Schalkwyk F (2019, 17 May) Plotting policy pathways across landscapes of the past. *University World News* Issue 243. <https://www.universityworldnews.com/post.php?story=20190513102643422>
- Joubert M & Van Schalkwyk F (2019, 13 February) Why anti-vaccine beliefs and ideas spread so

fast on the internet. *The Conversation*. <https://theconversation.com/why-anti-vaccine-beliefs-and-ideas-spread-so-fast-on-the-internet-111431>

Cloete N & Van Schalkwyk F (2018, 18 December) Research universities - Lessons for Africa from China. *University World News* Issue 553. <https://www.universityworldnews.com/post.php?story=20181211074009919>

Cloete N & Van Schalkwyk F (2018, 30 March) HERANA - 10 years of growing research universities. <https://www.universityworldnews.com/post.php?story=20180328135155625>

Muller J, Cloete N & Van Schalkwyk F (2018, 12 January) 'Castells in Africa' - Some insights for universities. *University World News*. <https://www.universityworldnews.com/post.php?story=20180110123846223>

Luescher T and Van Schalkwyk F (2017, 22 September) Universities need imaginative, ICT-enhanced presses. *University World News*. <https://www.universityworldnews.com/post.php?story=20170919095942307>

Van Schalkwyk F (2017, 14 July) Open data on universities - New fuel for transformation. *University World News*. <https://www.universityworldnews.com/post.php?story=20170710104034491>

Van Schalkwyk F (2014, 19 December) University engagement as interconnectedness. *University World News*. <https://www.universityworldnews.com/post.php?story=20141218053615504>

## Reports

Canares, M & Van Schalkwyk, F (2020) *Open Contracting and Social Inclusion*. The Hague: Hivos.

Van Schalkwyk F & Sila R (2018) *Connecting Flows and Places: Making data useful to hyperlocal communities in Tanzania*. Dar es Salaam: Data Zetu.

Sila R & Van Schalkwyk F (2018) *Mapping Hyperlocal Health Data Flows: The case of Kyela District, Tanzania*. Dar es Salaam: Data Zetu.

Van Schalkwyk F & Luescher T (2017) *The African University Press*. Cape Town: African Minds.

Van Schalkwyk F (2017) *Open Data and Corruption in South Africa*. Berlin: Transparency International.

Bunting I, Cloete N & Van Schalkwyk F (2017) *An Empirical Overview of Emerging Research Universities in Africa: 2001-2015*. Cape Town: Centre for Higher Education Transformation.

Van Schalkwyk F (2016) *Open Data Barometer 3<sup>rd</sup> Edition Africa Regional Report*. Washington DC: World Wide Web Foundation.

Van Schalkwyk F, Willmers M & Schonwetter T (2015) *Embedding Open Data Practice: Developing Indicators on the Institutionalisation of Open Data Practice in Two African Governments*. Report for the Exploring the Emerging Impacts of Open Data in Developing Countries Project. Cape Town: University of Cape Town.

Van Schalkwyk F, Willmers M & Czerniewicz L (2014) *Case Study: Open Data in the Governance of South African Higher Education*. Report for the Exploring the Emerging Impacts of Open Data in Developing Countries Project. Cape Town: University of Cape Town.

Van Schalkwyk F (2014) *The Interconnectedness of University Engagement Projects in Africa*. Report for the Centre for Higher Education Transformation. Cape Town: CHET.

Bunting I, Cloete N & Van Schalkwyk F (2014) *An Empirical Overview of Eight Flagship Universities in Africa: 2001-2011*. Cape Town: Centre for Higher Education Transformation.

Van Schalkwyk F (2014) *Zero Proximity: Increasing the Online Visibility of Academics at the University of Mauritius*. Report for the Scholarly Communication in Africa Programme, a University of Cape Town Project, supported by Canada's International Development Research Centre. Cape Town: University of Cape Town.

## PROJECTS

### Research

#### *In-progress*

Principle researcher. *Shifting logics? Organisational communication of science in South Africa*. Stellenbosch University.

Principle researcher. *Communicating science in times of uncertainty: The global Covid-19 pandemic and the quality of science communication in South Africa*. Stellenbosch University.

Researcher. *The role of research universities in the science and innovation system*. Stellenbosch University.

Principle researcher. *COVID and Cities: Information and digital solutions to build better back better*. For GIZ.

#### *Completed*

Principle researcher. *Compilation and analysis of digital solutions for climate-resilient and low-carbon urban development*. For GIZ.

Principle researcher. *Digital tools for implementing the Sustainable Development Goals in Africa: An assessment of the digital solutions of GIZ programmes in sub-Saharan Africa against the Digital Development Principles and the*

2030 Agenda Implementation Principles. For GIZ.

Principle researcher. The Flow of Health, Education and Economic Data in Côte d'Ivoire. For SBC4D as part of the DCDJ consortium. Funded by the Millennium Challenge Corporation and PEPFAR.

Researcher. Open Contracting and Social Inclusion. For Step-Up. Funded by Hivos.

Researcher. The Scholarly Publishing Landscape in Africa. For CREST, Stellenbosch University

Principle researcher. HERANA Phase 3: Research and Capacity-building for Developing Indicators of Community Engagement at African Universities. For the Centre for Higher Education Trust, South Africa. Funded by Carnegie Corporation of New York.

Principle researcher. The African University Press in a Digital Age: Practices and Opportunities. For African Minds. Funded by Carnegie Corporation of New York.

Principle researcher. Higher Education Research and Advocacy Network in Africa (HERANA) Phase 2: The Interconnectedness of University Engagement Projects in Africa. For the Centre for Higher Education Transformation. Funded by Carnegie Corporation of New York and Ford Foundation.

Principle researcher. Open Data in the Governance of South African Higher Education. For the Exploring the Emerging Impacts of Open Data in Developing Countries Project, a World Wide Web Foundation research project. Project hosted by the University of Cape Town.

Principle researcher. The Flow of Health Data in Tanzania. For SBC4D as part of the DataZetu consortium. Funded by the Millennium Challenge Corporation and PEPFAR.

Researcher. Support to the Rwandan Ministry of Agriculture and Animal Resources on the Design of the National Farmer Digital Profiling. For SBC4D. Funded by Access to Finance Rwanda.

Researcher. The Ethiopian Open Data Landscape. For SBC4D. Funded by the World Bank.

Principle researcher. Open Data and Open Development. For the IDRC. Funded by the IDRC.

Researcher/author: Chapter on the research community in The State of Open Data book project. For Open North. Funded by the IDRC.

Principle researcher. Open Data Intermediaries and Economic Ownership Rights: The case of smallholder farmers in Ghana. For African Minds. Funded by the Digital Impact project at the Stanford Center on Philanthropy and Civil Society.

Principle researcher. Open Data Intermediaries in the Agriculture Sector in Ghana. A Harnessing Open Data to Achieve Development Results in Africa and Asia Project of the World Wide Web Foundation. Funded by IDRC.

Principle researcher. Creating Transparent Value Chains with Open Data. A Harnessing Open Data to Achieve Development Results in Africa and Asia Project of the World Wide Web Foundation. Funded by IDRC.

Principle researcher. Institutionalising Open Data Practice in Africa. For the Exploring the Emerging Impacts of Open Data in Developing Countries Project, a World Wide Web Foundation research project. Project hosted by the University of Cape Town.

Principle researcher. Open Data Intermediaries. For the Exploring the Emerging Impacts of Open Data in Developing Countries Project, a World Wide Web Foundation research project. Project hosted by Step-Up Consulting, Philippines.

Researcher. Open Data in Developing Countries. For the GovLab. A fhi360 / Mobile Solutions Technical Assistance and Research Program (mSTAR) project. Funded by USAID.

Researcher. Open Data Barometer 4th Edition. For World Wide Web Foundation.

Researcher. G20 Anti-Corruption Open Data Principles. For Transparency International. Funded by Omidyar Network.

Researcher. Increasing the Online Visibility of Academics at the University of Mauritius. For the Scholarly Communication in Africa Programme, a University of Cape Town Project.

## POLICY

Ghana National Data Sharing Policy. For SBC4D and NITA with support from the World Bank

Ethiopia National Open Data Policy. For SBC4D and MCIT with support from the World Bank.

Facilitator and contributing author for the Working Group on "Ethical, legal and policy aspects of data sharing affecting farmers".

## OTHER

Member of the Editorial Board, *Learned Publishing*

Co-chair, Open Data Research Symposium.

Editor, *The Social Dynamics of Open Data* book series.

Guest editor, *Journal of Community Informatics*, Special Issue 2015: Open Data for Social Change and Sustainable Development.

## WORK EXPERIENCE

Sept 2019 - Present

Postdoctoral research fellow, Stellenbosch University

Jun 2016 - Present

Researcher, SBC4D

Jun 2015 - Dec 2016	<b>Research Manager:</b> Africa, World Wide Web Foundation
Oct 2011 - Dec 2018	<b>Researcher,</b> Centre for Higher Education Trust
Feb 2012 - Present	<b>Editor and Trustee,</b> African Minds
Jan 2000 - Dec 2019	<b>Managing Director,</b> Compress.dsl
1998 - Nov 1999	<b>Production Editor,</b> David Philip Publishers
1997-1998	<b>Freelance editor,</b> designer, proofreader

## RECOGNITION

2015-2019	National Research Foundation Scholarship for post-graduate research
2008	NOMA Scholarship for higher education studies at masters' level
1997	Hamlyn Foundation prize for best postgraduate dissertation at a UK academic institution
1996	Van Staveren Scholarship
1992-1995	Dean's merit list, University of Cape Town
1991	University of Cape Town Entrance Scholarship
1990	Honikman Shield for Leadership