

CAROLINE MIEHE

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NOVAFRICA, Rua da Holanda 1, 2775 – 405 Carcavelos, Portugal • born on Sep 29, 1993, in Berlin, Germany

Mission statement

I conduct randomized experiments in sub-Saharan Africa to explore how economic principles—such as decision-making under risk and asymmetric information—can inform strategies that enhance agricultural technology adoption and climate disaster management, to strengthen the resilience of farmers and communities facing poverty and climate change.



Education

KU Leuven, Belgium

Doctor of Economics, 2019 – 2023

Ph.D. supervisor: Jo Swinnen

Master of Business Administration, 2017 – 2018

graduated with 87,75% (greatest distinction)

University of Potsdam, Germany

Bachelor of Business Administration, 2012 – 2016

graduated with 82% (great distinction)

Relevant working experience

2024 – now	Postdoctoral researcher	NOVAFRICA, Nova University Lisbon, Portugal
2019 – 2023	Ph.D. candidate & teaching assistant	LICOS, KU Leuven, Belgium
2022 – 2022	Research employee	DEC, Wageningen University, Netherlands
2013 – 2015	Teaching assistant	University of Potsdam, Germany

Publications

Journal articles	Miehe, C., Nabwire, L., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (in press). Miracle seeds: Biased expectations, complementary input use, and the dynamics of smallholder technology adoption. <i>Economic Development and Cultural Change</i> .
	De, A., Miehe, C., & Van Campenhout, B. (2024). Gender bias in customer perceptions: The case of agro-input dealers in Uganda. <i>Agricultural Systems</i> , 217, 103954.
	Mogues, T., Van Campenhout, B., Miehe, C., & Kabunga, N. (2023). The impact of community-based monitoring on public service delivery: A randomized control trial in Uganda. <i>World Development</i> , 172, 106374.
Peer-reviewed report	Van Campenhout, B., Kabunga, N., Mogues, T., & Miehe, C. (2021). Community advocacy forums and public service delivery in Uganda. <i>3ie Impact Evaluation Report</i> 136.
Book chapter	Swinnen, J., Miehe, C., & Emmers, D. (2021). COVID-19 en voedselzekerheid. In B. Pattyn, & P. d'Hoine (Eds.), <i>Lessen voor de 21ste eeuw: Weten wat telt in tijden van crisis</i> (pp. 69–84). Leuven Univ. Press.

Discussion papers

Miehe, C., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (2023). The (perceived) quality of agricultural technology and its adoption: Experimental evidence from Uganda. *IFPRI Discussion Paper 2198*, will be submitted to *The Review of Economics and Statistics*.

Miehe, C., Van Campenhout, B., Nabwire, L., Sparrow, R., & Spielman, D. J. (2023). Miracle seeds: Biased expectations, complementary input use, and the dynamics of smallholder technology adoption. *IFPRI Discussion Paper 2183*, in press at *Economic Development and Cultural Change*.

De, A., Miehe, C., & Van Campenhout, B. (2022). Gender bias in consumer perceptions: The case of agro-input dealers in Uganda. *IFPRI Discussion Paper 2132*, published in *Agricultural Systems*.

Kabunga, N., Miehe, C., Mogues, T., & Van Campenhout, B. (2020). Community based monitoring and public service delivery: Impact, and the role of information, deliberation, and jurisdictional tier. *IFPRI Discussion Paper 1933*, published in *World Development*.

Media

Miehe, C., Nabwire, L., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (2023, June 22). “Miracle seeds,” informational curses? The risk of high expectations for new agricultural technologies. *IFPRI Blog: Research Post*.

De, A., Miehe, C., & Van Campenhout, B. (2023, March 17). This is a man’s world: Gendered perceptions of Ugandan agro-input dealers. *IFPRI Blog: Research Post*.

Van Campenhout, B., Miehe, C., Spielman, D. J., & Sparrow, R. (2022, April 4). What changed when Ugandan farmers rated input quality and local vendor services. *The Conversation*.

Van Campenhout, B., & Miehe, C. (2021, February 4). Does bottom-up monitoring improve public services? What we found in Uganda. *The Conversation*.

Pre-analysis plans in AEA RCT Registry

2024 [Urbanization meets the environment](#)

2020 [Demand and supply factors constraining the sustainability of an efficient seed system](#)

2020 [Community advocacy forums and public service delivery](#)

Conferences & seminars

Lisbon Micro Group (2025 in Lisbon, Portugal) • Economics Seminar at Wageningen University (2025 in Wageningen, Netherlands) • Nova Economics Club (2024 in Lisbon, Portugal) • NOVAFRICA Conference (2024 in Lisbon, Portugal) • CSAE Conference (2023 in Oxford, UK) • NL-CGIAR Conference (2022, online) • ISSD Africa Synthesis Conference (2022 in Kigali, Rwanda) • AgEconMeeting (2022 in Göttingen, Germany) • Wageningen University EconMonday Seminar (2022 in Wageningen, Netherlands) • LICOS Seminar (2022 in Leuven, Belgium) • LICOS Ideas Exchange (2021 in Leuven, Belgium) • ASSA Annual Meeting (2021, online) • AAEA Annual Meeting (2020, online)

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Projects & research grants	2025 – 2026	NL-CGIAR: “Optimizing performance of improved seed varieties for smallholder farmers in Uganda” with R. Sparrow	161,537 €
	2024 – 2026	International Growth Centre: “Urbanization meets the environment” with P. C. Vicente, S. Leeffer, & J. Macdonald	87,878 £
	2023 – 2025	International Growth Centre: “Urbanization meets the environment” with P. C. Vicente, S. Leeffer, & J. Macdonald	85,049 £
	2019 – 2021	NL-CGIAR: “Policy and regulatory reform options for seed market development” with R. Sparrow, D. J. Spielman, B. Van Campenhout, & others	992,792 €
Teaching experience	2021 – 2023	<u>Introduction to the economics of development</u>	KU Leuven, Belgium
	2021 – 2023	<u>Development economics</u>	KU Leuven, Belgium
	2020 – 2021	<u>Lessons for the 21st century</u>	KU Leuven, Belgium
	2015 – 2015	<u>Introduction to controlling & cost accounting</u>	Univ. of Potsdam, Germany
	2013 – 2014	<u>Mathematics for economists I</u>	Univ. of Potsdam, Germany
Field experience	Jul – Aug 2024 in Mozambique	Design and implementation of intervention for <u>Urbanization meets the environment</u>	
	Jan – Feb 2022 in Uganda	Midline data collection, intervention implementation for <u>Demand and supply factors constraining the sustainability of an efficient seed system</u>	
	Apr – Jun 2021 in Uganda	Baseline data collection, intervention implementation for <u>Demand and supply factors constraining the sustainability of an efficient seed system</u>	
	Aug 2019 in Uganda	Preparation of endline data collection for <u>Community advocacy forums and public service delivery</u>	
Memberships	Since 2024	Lisbon Micro Group (LMG)	
	Since 2023	American Economic Association (AEA)	
	Since 2023	European Economic Association (EEA)	
	Since 2022	European Association of Agricultural Economists (EAAE)	
	Since 2022	Agricultural Economics Society (AES)	
	Since 2020	Agricultural & Applied Economics Association (AAEA)	
Peer reviews	PLOS ONE • Journal of the AAEA • XVIII Congress of the EAAE		
Languages	German (native) • English (fluent) • Dutch (fluent) • Spanish (basic)		
Software	R • LyX/LaTeX • GitHub • Microsoft Office		
References	Jo Swinnen • Ph.D. supervisor IFPRI, KU Leuven email		Bjorn Van Campenhout • mentor IFPRI, KU Leuven email
	Pedro C. Vicente • supervisor Nova University Lisbon email		Robert Sparrow • former supervisor Wageningen University email