

CURRICULUM VITAE

Dr. MARTIN J. CHEGERE



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1. Profile

Martin J. Chegere is a senior lecturer at the School of Economics, University of Dar es Salaam (UDSM). He is also a senior research fellow at the Environment for Development Initiative (Tanzania) and a Research Fellow at the Centre for Behavioural Studies at the University of Dar es Salaam. He is among the founding members and was the first Coordinator of the Centre for Behavioural Studies. Since October 2020, he is the Coordinator of Research and Knowledge exchange at the School of Economics - University of Dar es Salaam. His areas of research interest include agricultural economics, development economics and behavioral economics. His current research focuses on the Linkages between Household Food Production, Food Security, Nutrition and Health; Complementarity and Substitutability between Farm and Non-farm Work; Agri-business and business environment; Experimental economics; and the integration of research with Behavioural Insights. He has won several research grants from SIDA, DFID and Bill and Melinda Gates Foundation. He has been a consultant in various assignments of the government's ministries and departments, and other organizations including World Bank, Alliance for Green Revolution in Africa, Forest Development Trust and Economic and Social Research Foundation.

2. Education

2.1 Ph.D. in Economics	University of Gothenburg	2012– 2017
2.2 M.A. in Economics	University of Dar es Salaam	2010- 2012
2.3 B. A. in Economics	University of Dar es Salaam	2007– 2010

3. Employment

- 3.1 Senior Lecturer, Department of Applied Economics, UDSM (Dec 2021-
- 3.2 Lecturer, Department of Economics, University of Dar es Salaam (May 2017- Dec 2021)
- 3.3 Postdoc, University of Dar es Salaam and Lulea University of Technology (Oct 2017- Sept 2018)
- 3.4 Assistant Lecturer, Department of Economics, University of Dar es Salaam (Oct 2012- May 2017)
- 3.5 Tutorial Assistant, Department of Economics, University of Dar es Salaam (Dec 2010- Oct 2012)

4. Other Posts and Responsibilities at the University of Dar es Salaam

- 4.1 Coordinator, Research and Knowledge Exchange- School of Economics (Oct 2020-)
- 4.2 Board member, School of Economics, University of Dar es Salaam (Oct 2020-)
- 4.3 Board member, College of Social Sciences, University of Dar es Salaam (Oct 2020-)
- 4.4 Member of Capacity Development Committee, Environment for Development Initiative (Global)(November 2019-)
- 4.5 Member of the College Staff Review Committee- College of Social Sciences (Nov 2019-Jan 2022)
- 4.6 Member of the Postgraduate Committee- Department of Economics (Apr 2019-)
- 4.7 Coordinator, Research and Knowledge Exchange- College of Social Sciences (Oct 2018-Oct 2020)
- 4.8 Coordinator Centre for Behavioural Studies (Aug 2018-June 2020)

4.9 Quality assurance officer, College of Social Sciences, Semester I, 2017/18 (UE monitoring process)

5. Research Interests

- 5.1 Development Economics (child health, education and development, nutrition, poverty and welfare)
- 5.2 Impact Evaluation and Cost Benefit Analysis
- 5.3 Behavioral Economics
- 5.4 Businesses and Business environment (tax and incentive structures)
- 5.5 Agricultural Economics (production, post-harvest losses and food security)

6. Publications

- 6.1 Chegere, M. J., & Mrosso, T. L. (2022). Climate Variability, Temporal Migration, and Household Welfare among Agricultural Households in Tanzania. *Sustainability*, 14(22), 14701. <https://doi.org/10.3390/su142214701>
- 6.2 Aikaeli, J., Chegere, M. J., & Rand, J. (2022). Complementarity and substitutability between farm and nonfarm activities: Evidence from agricultural households in Tanzania. *Review of Development Economics*, 1–23. <https://doi.org/10.1111/rode.12942>
- 6.3 Chegere, M. J., & Kauky, M. S. (2022). Agriculture commercialisation, household dietary diversity and nutrition in Tanzania. *Food Policy*, 102341. <https://doi.org/10.1016/j.foodpol.2022.102341>
- 6.4 Timothy, S., Lokina, R., & Chegere, M. (2022). Does Charco-Dam Technology Affect Production Efficiencies? Evidence from Small-Scale Vegetable Farmers in Nzega District, Tanzania, *The African Review* (published online ahead of print 2022). doi: <https://doi.org/10.1163/1821889x-bja10035>
- 6.5 Mpombo, L., Chegere, M. J., & Osoro, O. (2022). Determinants of Market Orientation and Market Participation among Smallholder Rice Farmers in Tanzania, *The African Review* (published online ahead of print 2022). <https://doi.org/10.1163/1821889X-bja10014>
- 6.6 Ibengwe L.J., Onyango P. O., Hepelwa A. S. and Chegere M. J (2022). Regional trade integration and its relation to income and inequalities among Tanzanian marine dagaa fishers, processors and traders, *Marine Policy*, 137, 104975 <https://doi.org/10.1016/j.marpol.2022.104975>
- 6.7 Chegere, Martin. J., Eggert, Håkan. and Söderborm, Måns (2022). The Effects of Storage Technology and Training on Post-Harvest Losses, Practices and Sales: Evidence from Small-Scale Farms in Tanzania. *Economic Development and Cultural Change*, 70(2), pp. 729–761, <https://www.journals.uchicago.edu/doi/10.1086/713932>
- 6.8 Kauky M. S., Chegere M. J. and Lokina R. B. (2021). The Effects of Household Shocks on Children's Schooling in Tanzania, *Tanzania Economic Review*, 11 (2), pp 57-80, <https://ter.udsm.ac.tz/index.php/ter/article/view/84>
- 6.9 Kauky M. S., Chegere M. J. and Lokina R. B. (2021). The Effects of Household Shocks on Child Nutrition Status in Tanzania, *Journal of Education, Humanities and Social Sciences*, 10 (4), pp 40-56 <http://jehs.duce.ac.tz/index.php/jehs/article/view/97>
- 6.10 Chegere, Martin. J., Lokina, Razack. and Mwakaje, Agnes (2020). The impact of improved storage technology and training on food security in Tanzania *Food Security*, 12, pp 1299-1316, DOI: <https://doi.org/10.1007/s12571-020-01052-9>
- 6.11 Chegere M.J. and Karamagi I.J. (2020). Intimate Partner Violence and Labour Market Outcomes in Tanzania, *African Journal of Economic Review*. Volume VIII, Issue II, pp 82-101, <https://www.ajol.info/index.php/ajer/article/view/197204>
- 6.12 Chegere M. J. and Stage J. (2020). Agricultural production diversity, dietary diversity and nutritional status: Panel data evidence from Tanzania, *World Development*, 129:104856, <https://doi.org/10.1016/j.worlddev.2019.104856>
- 6.13 Chegere M. J. (2018). Post-harvest losses among small scale maize farmers: The role of post-harvest handling practices, *Food Policy*, 77, pp 103-115, <https://doi.org/10.1016/j.foodpol.2018.05.001>

- 6.14 Chegere M. J. (2018). Climate Change and Post-Harvest Agriculture, in Berck C. S., Berk P. and Di Falco S. (Eds), *Agricultural Adaptation to Climate Change in Africa: Food Security in a Changing Environment*, Chapter 12, pp 283-294. RFF Press/Routledge, London and New York, <https://doi.org/10.4324/9781315149776-12>
- 6.15 Chegere M., Kidane A. and Leyaro V. (2013). Poverty Effects of Food and Fuel Price Changes in Tanzania. *UTAFITI Journal*, 10(2): pp 1-33, <http://journals.udsm.ac.tz/index.php/uj/article/view/1188>

7. Work in progress

- 7.3 Understanding the Impact Differentials Between Carrot and Stick Based Measures on Fostering Tax Compliance in Tanzania: Evidence from a Laboratory Experiment. (with Ally Samiji and Remidius Ruhinduka) Submitted
- 7.4 The Role of Past Information, Time, and Emotional Pressure in Heuristic Decision-Making (with James Albanus)
- 7.5 Welfare impacts of adoption of improved maize varieties among members of saving and credit associations in Tanzania (with Happiness Kilombele)
- 7.6 Obesity and Labour Market Outcomes in Tanzania (With Harry Silas)
- 7.7 The Economic Burden of Non-Communicable Diseases in Tanzania (With Jires Tunguhole, Fortunata S. Makene, Emmanuel Masalu, Twalib Ngoma, Mary Mayige, and Jovin A. Lasway) Submitted
- 7.8 The Potential Effect of Sugar-Sweetened Beverages Tax on Obesity Prevalence in Tanzania (With Jires Tunguhole, Fortunata S. Makene, Emmanuel Masalu, Twalib Ngoma, Mary Mayige, and Jovin A. Lasway)

8. Professional services and field work (Selected)

- 8.1 Principal Investigator: Analyzing the Impact of Free Basic Education Policy on higher education Financing. Commissioned by Higher Education Students Loan Board October-Dec 2022
- 8.2 Principal Investigator: Evaluation of the impact of Rural Energy Supply on Rural Productive Sector, funded by NORAD, Sept June 2021-June 2026
- 8.3 Member: Task force to conduct a Comprehensive Analysis of Agriculture Crop Sector Taxation Structure and Business Environment (Dec 2021-March 2022), Commissioned by Ministry of Agriculture and AGRA
- 8.4 Member: Task force to conduct a study on Fostering Better Business Environment in the Agro-processing Sector in Tanzania: Building a Case for Fiscal Incentives in Oil processing, Breweries and Credit guarantee subsectors, Commissioned by
- 8.5 Reviewer: Quantitative Methods Syllabus for Masters and PhD under African Economic Research Consortium (AERC) Collaborative programs, Oct 2020-Mar 2021
- 8.6 Consultant: Rapid assessment of the Economic impact of COVID-19 to the Tourism Sector in Tanzania. Ministry of Natural Resource and Tourism, March-April 2020
- 8.7 Consultant and Principal Investigator: *The Potential Effect of Sugar-Sweetened Beverages Tax on Obesity Prevalence in Tanzania*: Oct 2018-Sept 2020, Economic and Social Research Foundation, Funded By IDRC/CRDI
- 8.8 Team member: *Quick Wins of Tourism (Economic modelling)*, Commissioned by Ministry of Natural Resource and Tourism Jan-Dec 2019
- 8.9 Principal Investigator: *Impact of Potential Agricultural Marketing Policies on Household Diet, Quality, and Nutrition in Tanzania*, October 2018- September 2019; Agriculture and Food Policy Analysis for Nutrition Outcomes in Africa (AFON Project) funded by Bill and Melinda Gates Foundation through African Economic Research Consortium
- 8.10 Co-Principal Investigator: *An economic assessment of government incentives needed to promote wide scale utilization and local manufacture of hermetic storage technologies*; Funded by AGRA Aug 2018-Apr 2019

- 8.11 Member: Expert team for technical and analytical support to the country technical team to undertake a cost-benefit assessment in relation to Tanzania's engagement in the African Continent Free Trade Area (AfCFTA), Commissioned by Ministry of Industry and Trade and Investment.
- 8.12 Investigator: Impact of behaviour interventions on fostering voluntary tax compliance among presumptive tax payers, *Centre for Behavioral Studies*; at the Department of Economics, funded by DFID; Aug 2018- June 2020
- 8.13 Reviewer -*Financial Modelling (liquefied natural gas)*-Ministry of Finance and Tanzania Petroleum Development Corporation (2017-)
- 8.14 Team member: *Country Environmental Analysis*; under Environment for Development Tanzania, World Bank and Swedish Embassy; Funded by SIDA; Apr 2017-Sept 2020
- 8.15 Principal Investigator: *Study on the Economics and Cost benefit analysis of Post-Harvest Losses Mitigation*, Apr 2015- Aug 2016; PhD project funded by SIDA.

9. Conferences attended (selected)

- 9.1 Second National NCD Conference 2020 "Strengthening Health Systems to Prevent and Control Non-Communicable diseases in Tanzania", 9-10 November 2020 (*Paper presenter*)
- 9.2 Environment for Development Initiative, 13th Annual Meeting, 22-25 November 2019, Bogota, Colombia (*Paper presenter and paper discussant*)
- 9.3 Behaviour Exchange Conference, 5-6 September 2019, London, UK
- 9.4 AERC Bi-annual Conference, 1-6 June 2019, Cape Town, South Africa
- 9.5 Mid-Review Workshop on Impact of Agricultural and Food Policies on Nutritional outcomes in Africa (AFPON) 23-24 April 2019, Nairobi, Kenya (*Paper presenter and paper discussant*)

10. Teaching

- 10.1 Quantitative Methods- for B.A in Economics, Second semester second year 2011/12
- 10.2 Applied Econometrics- for B.A in Economics, Second semester third year 2016/17
- 10.3 Corporate Finance- for Masters in Economics (first semester 2017/18, first semester 2020/21)
- 10.4 Quantitative Methods- for PhD and Masters in Economics (Since September 2017 todate)
- 10.5 Econometrics elective course- PhD in Economics (Since September 2018 todate)
- 10.6 Impact Evaluation Methods- African Economic Research Consortium (February 2019)
- 10.7 Introduction to Behavioural Economics - for Masters in Economics (Since November 2018 todate)

11. Post-graduate Supervision and PhD Examination

PhD students

- 11.1 Monica Kauky (2017-2022): The effects of Household Shocks on Children's Nutrition Status, Schooling and Labour in Tanzania" (with Prof. Razack Lokina)
- 11.2 Rugazia Nyombi (2016-): "Rural Economy Diversification and Its Impact on Welfare of Rural Households in Tanzania".
- 11.3 Maximillian Katabi (2015-): "The Economic Analysis of Intimate Partner Violence: Empirical Evidence from Tanzania" (with Dr. Natu Mwamba)

Master's degree students

- 11.4 Lucy Mpombo (2016-2018): "Determinants of market participation among smallholder rice farmers in Tanzania" (with Dr. Otieno Osoro)
- 11.5 Justin Njuu (2016-2018): "Participation on community health fund scheme in Tanzania – case study of Lushoto district council" (with Dr Joel Silas)

- 11.6 Happiness Kilombe (2017-2020): “Drivers and welfare impacts of adoption of improved maize varieties among members of vicoba groups in the southern highland regions of Tanzania” (With Dr Shiferaw Fekete)
- 11.7 Ally Samiji (2017-2020): “Carrot versus stick measures of tax compliance in Tanzania: evidence from laboratory experiment” (With Dr. Remidius Ruhinduka)
- 11.8 Harry Silas (2017-2020): “Obesity and labour market outcomes in Tanzania”
- 11.9 Evelyne Mkahabati (2017-2020): “Panel data analysis on the determinants of firm’s capital structure: Evidence from Listed Companies in Dar es Salaam Stock Exchange, Tanzania” (with Dr. Kenneth Mdadila)
- 11.10 Michael Kijavara (2017-2020): “The effect of credit accessibility on agricultural productivity in Tanzania”
- 11.11 Mary Fabian (2017-2021): “Determinants of food security among households in Tanzania”
- 11.12 Salim Msalilwa (2018-2022): “The household food security status and its determinants in Tanzania”
- 11.13 Adventina Kitta (2018-2022): “Impact of off-farm income on household food security in rural Tanzania”
- 11.14 Albanus James (2019-2021): “The role of past information on heuristic decision-making under time and emotional pressure”
- 11.15 Samwel Nassary (2019-2022): “land ownership status, investments on farmland and maize productivity among smallholder farmers: panel data evidence from Tanzania”
- 11.16 Jackson Elias (2019-2022): “Does crop production diversity affect farm income? Evidence from panel data”
- 11.17 Theresia Mrosso (2020-): “Women empowerment and adaptation to climate smart-agricultural (CSA) practices among smallholder farmers in Tanzania”
- 11.18 Israel Mashina (2020-): “Impact of Adopting Improved Maize Varieties on Farm Productivity, Market and Welfare.”
- 11.19 Doris Macha (2020-): “Gender differences in household decision making and their effects on food security and dietary quality in Tanzania.”

PhD Viva Voce Panelist

- 11.20 John Massito (Nov 2018): Out of pocket health care payment, catastrophic expenditure and household poverty in Tanzania. Empirical evidence from Tanzania panel data survey
- 11.21 Cornel Mlacha (May 2019): Education, Gender and labour market outcomes: empirical evidence on Tanzania
- 11.22 Gabriel Hinju (Mar 2020): Wildlife Crimes in Tanzania: An Econometric Analysis
- 11.23 Adella Ngátigwa (Mar 2022): Assessment of Youth Involvement in Agriculture: The case of Horticulture Management in Tanzania (*Internal Examiner*)

12. Awards

- 12.1 Fellowship by SIDA-Tanzania Bilateral Programme to pursue a PhD in Environmental and Climate Change Economics at Gothenburg University 2012-2017
- 12.2 Gilman Rutihinda Trust Fund award for the best student Economics bachelor’s degree to pursue an M.A in economics at University of Dar es Salaam 2010-2012
- 12.3 Valedictorian at the University of Dar es Salaam 40th Graduation after scoring the highest GPA among the undergraduate finalists of the University in 2010.
- 12.4 Vice Chancellor’s Prize for being the Best Student in the Final Year Degree Examinations in the College of Arts and Social Sciences during the Academic year 2009/2010
- 12.5 Vice Chancellor’s Prize for being the Best Student in the First Year Degree Examinations in the College of Arts and Social Sciences during the Academic year 2007/2008

12.6 Best student award for being the best candidate in the Advanced Certificate for Secondary Education Examinations (ACSEE) national wise in 2007

12.7 Best student award for being the best candidate in the Certificate for Secondary Education Examinations (CSEE) national wise in 2004.

Martin J. Chegere

February, 2023