

Publications

1. Jackson, J., & **Chiwona-Karlton, L.** (2018). Cassava Production, Processing and Nutrition. *Handbook of Vegetables and Vegetable Processing*, 609-632.
<https://doi.org/10.1002/9781119098935.ch26>
2. **Chiwona-Karlton, L.** (2018). Molecular anthropology of cassava—a cultural ecology of plant varietal preferences. *Socialmedicinsk tidskrift*, 94(6), 721-730.
3. Mackay, H., Mugagga, F., Kakooza, L., & **Chiwona-Karlton, L.** (2018). Doing things their way? Food, farming and health in two Ugandan cities. *Cities & Health*, 1-24.
<https://doi.org/10.1080/23748834.2017.1414425>
4. **Linley Chiwona Karlton**, Sarah Hamed, Heather Mackay, Åsa Andersson. 2017. Migration and the Food Environment. *Ending Childhood Obesity*, p.20-25.
http://www.uppsalahealthsummit.se/digitalAssets/547/c_547164-l_1-k_uhs-post-conference-slutversion.pdf
5. Heather Mackay, Frank Mugagga, Lydia Kakooza, **Linley Chiwona-Karlton** (2017). Double Burden Malnutrition Despite Lack of Strong Nutritional and Food System Transitions. Royal Geographical Society 2017 AC2017@rgs.org
6. **Linley Chiwona-Karlton. 2017.** Where can I get some cassava "mbeu" (seed) to plant this year? Reflections from the field with farmers in Malawi. *Cassava Cyanide Diseases & Neurolathyrism Network* Issue Number 29; 3-5. (ISSN 1838-8817 (Print): ISSN 1838-8825 (Online))
7. Inge Gerremo & **Linley Chiwona-Karlton.** 2017. Arvet efter Hans Rosling. The legacy of Hans Rosling. *Sveriges Utsädesförenings Tidskrift. Journal of the Swedish Seed Association.* Issue Number 2; 30-32.
8. **Linley Chiwona-Karlton**, Leif Hambræus, Friederike Bellin-Sesay. 2017. 16. *Balancing Agrifood Systems for Optimal Global Nutrition Transition.* In: Ingrid Öborn, Bernard Vanlauwe, Michael Phillips, Richard Thomas, Kwesi Atta-Krah (eds). Sustainable Intensification in Smallholder Agriculture: An Integrated Systems Research Approach.
9. **Chiwona-Karlton, L.**, Kimanzu, N., Clendenning, J., Lodin, J.B., Ellingson, C., Lidestav, G., Mkwambisi, D., Mwangi, E., Nhantumbo, I., Ochieng, C. and Petrokofsky, G., 2017. What is the evidence that gender affects access to and use of forest assets for food security? A systematic map protocol. *Environmental Evidence*, 6(1), p.2. <https://doi.org/10.1186/s13750-016-0080-9>
10. Nagoli, J., Green, E., Mulwafu, W. and **Chiwona-Karlton, L.**, 2017. Coping with the Double Crisis: Lake Chilwa Recession and the Great Depression on Chisi Island in Colonial Malawi, 1930–1935. *Human Ecology*, 45(1), pp.111-117. doi: [10.1007/s10745-016-9882-1](https://doi.org/10.1007/s10745-016-9882-1)
11. Nagoli, J. and **Chiwona-Karlton, L.**, 2017. Uncovering human social networks in coping with Lake Chilwa recessions in Malawi. *Journal of environmental management*, 192, pp.134-141. [10.1016/j.jenvman.2016.12.049](https://doi.org/10.1016/j.jenvman.2016.12.049)
12. **Chiwona-Karlton, L.**, Lemenih, M., Tolera, M., Berisso, T. and Karlton, E., 2017. Crop theft and soil fertility management in the highlands of Ethiopia.

International *Journal of Rural Criminology*, v3, n2 p. 176-190 <https://doi.org/10.18061/1811/81048>

13. **Linley Chiwona-Karlton**, Sarah Hamed, Leapetswe Maletse, Francis Zotor, Paul Amuna. 2016. Migration and the food environment. In Uppsala Health Summit pre-conference report. http://www.uppsalahealthsummit.se/digitalAssets/549/549832_1pre-conference-report-for-mail.pdf
14. Joseph Nagoli , Wapulumuka Mulwafu , Erik Green , Patrick Likongwe , **Linley Chiwona-Karlton** (2016). Conflicts over Natural Resource Scarcity in the Aquatic Ecosystem of the Lake Chilwa. *Environment and Ecology Research*, 4 , 207 - 216. doi: 10.13189/eer.2016.040404.
15. Andersson, K., Lodin, J.B. and **Chiwona-Karlton, L.**, 2016. Gender dynamics in cassava leaves value chains: The case of Tanzania. *Journal of Gender, Agriculture and Food Security* Vol. 1, Issue 2, pp 84-109. <http://www.agrigender.net/uploads/JGAFS-122016-5-Paper.pdf>
16. **Chiwona-Karlton L.** and Sartas, M. 2016. [Nutrition Capacity within Agriculture, Nutrition, and Health Research for Development in Africa: Current Status and Assessment of Future Opportunities, A4NH Note](https://a4nh.cgiar.org/files/2016/05/A4NH-Note-on-SLU-study-final.pdf), IFPRI. <https://a4nh.cgiar.org/files/2016/05/A4NH-Note-on-SLU-study-final.pdf>
17. **Chiwona-Karlton L.**, Trautman S. 2016. Interdisciplinary journeys. Agriculture, Nutrition and Health Academy (ANH Academy) Week Report. Abstract. Addis Ababa. Ethiopia. http://anh-academy.org/sites/default/files/ANH2016_Report_Final.pdf
18. Marta Zdravkovic, **Linley Chiwona-Karlton**, Eren Zink. 2016. Experiences and perceptions of South-South and North-South scientific collaboration of mathematicians, physicists and chemists from five southern African universities. *Scientometrics* 108:717–743. DOI: 10.1007/s11192-016-1989-z
19. Chagunda, M.G., Mwangwela, A., Mumba, C., Dos Anjos, F., Kawonga, B.S., Hopkins, R. and **Chiwona-Karlton, L.**, 2016. Assessing and managing intensification in smallholder dairy systems for food and nutrition security in Sub-Saharan Africa. *Regional Environmental Change*, 16(8), pp.2257-2267. DOI: [10.1007/s10113-015-0829-7](https://doi.org/10.1007/s10113-015-0829-7)
20. Peter Bergsten, **Linley Chiwona-Karlton**, Meena Daivadanam, Erik Grönqvist, Kostas Karantininis, Rikard Landberg, Anna Karin Lindroos, Per Sandin. 2016. Uppsala Health Summit Programme Advisory Committee. DN Debatt. "Sverige måste kraftsamla för att stoppa barnfetman". (Sweden has to collectively work together to stop childhood obesity).
21. Wamala Andersson, S., **Chiwona-Karlton, L.** & Ocaya, P. (2016) Editors. Unstoppable women – Does education matter? Authorhouse, UK. ISBN: 978-1-5246-3193-2
22. **Linley Chiwona-Karlton**. 2016. In Wamala Andersson, S., Chiwona-Karlton, L. & Ocaya, P. (2016) Editors. Unstoppable women – Does education matter? Linley Chiwona-Karlton. Pages 51 – 90. Authorhouse, UK. ISBN: 978-1-5246-3193-2
23. **Chiwona-Karlton, L.**, Afoakwa, E. O., Nyirenda, D., Mwansa, C, N., Kongor, E. J. and Brimer, L. (2015). Varietal Diversity and Processing Effects on the Biochemical Composition, Cyanogenic Glucoside Potential (HNCp) and Appearance of Cassava Flours

- from South-Eastern African Region. *International Journal of Food Research* **22**(3) 973 – 980.
24. **Linley Chiwona-Karlton**, Drinah Nyirenda, Cornelius Nkonkola Mwansa, John Edem Kongor, Leon Brimer, Steve Haggblade, and Emmanuel Ohene Afoakwa (2014). Farmer Preference, Utilisation, and Biochemical Composition of Improved Cassava (*Manihot Esculenta* Crantz) Varieties in Southeastern Africa. *Economic Botany forthcoming*. (DOI: [10.1007/s12231-015-9298-7](https://doi.org/10.1007/s12231-015-9298-7))
 25. Afoakwa, E. O., Boakye, P. G., Mensah-Brown, H., & **Chiwona-Karlton, L.** (2014). Response Surface Methodology for Studying Effects of Pre-Processing Treatments and Processing Time on the Microbial and Sensory Qualities of Cocoyam (*Xanthosoma sagittifolium*) Leaves During Canning. *J Nutritional Health Food Engg* 1 (2): 00009.
 26. Wulf Becker, Leif Hambraeus, **Linley Chiwona Karlton**. (2013). Kapitel 12. Livsmedelsförsörjning och livsmedelskonsumtion globalt och i Sverige – utveckling (Food security and food consumption globally and in Sweden). In *Näringslära för Högskolor (Nutrition for Universities)*. Sixth Edition.
 27. Steven Haggblade, Agnes Andersson Djurfeldt, Drinah Banda Nyirenda, Johanna Bergman Lodin, Leon Brimer, Martin Chiona, Maureen Chitundu, **Linley Chiwona-Karlton**, Constantino Cuambe, Michael Dolislager, Cynthia Donovan, Klaus Droppelmann, Magnus Jirström, Emma Kambewa, Patrick Kambewa, Nzola Meso Mahungu, Jonathan Mkumbira, João Mudema, Hunter Nielson, Mishek Nyembe, Venâncio Alexandre Salegua, Alda Tomo, and Michael Weber (2012). Cassava Commercialization in Southeastern Africa . *Journal of Agribusiness in Developing and Emerging Economies*. Vol. 2 Iss: 1 pp. 4 – 40.
 28. Nhantumbo, I, **Chiwona-Karlton, L.** 2012. His REDD+, her REDD+: how integrating gender can improve readiness. *IIED Briefing*, September 2012.
 29. Takundwa, M, Nepolo, E, Mogotsi, K, Kandawa-Schulz, MA, Cullis, AC, Kunert, K, Jackson-Malete, J, **Chiwona-Karlton, L**, Chimwamurombe, PM. 2012. Development and use of microsatellite markers in marama bean. *African Crop Science Journal*, Vol. 20, No. 2, pp. 95 - 105
 30. Ephraim Nuwamanya, **Linley Chiwona-Karlton**, Robert S. Kawuki, and Yona Baguma (2012). Bio-ethanol Production from Non-Food Parts of Cassava (*Manihot esculenta* Crantz) *AMBIO*. 41:262–270
 31. Afoakwa EO, Asiedu C, Budu AS, **Chiwona-Karlton L**, Nyirenda DB (2012) Chemical composition and cyanogenic potential of traditional and high yielding CMD resistant cassava (*Manihot esculenta* Crantz) varieties *International Food Research Journal* 19(1): 175-181 (2012)
 32. Bandama, M., **Chiwona-Karlton, L.**, Christy, R., Mabaya, E., and Tihanyi, K. October 2012. Situation analysis and needs assessment women in agribusiness in Sub-Saharan Africa Alliance. Alliance for a Green Revolution in Africa.
 33. Afoakwa EO, Budu AS, Asiedu C, **Chiwona-Karlton L.** Nyirenda DB (2011) Application of Multivariate Techniques for Characterizing Composition of Starches and Sugars in Six High Yielding CMD Resistant Cassava (*Manihot esculenta* Crantz) Varieties. *J Nutr Food Sci* 1:111. doi:10.4172/2155-9600.1000111
 34. D Banda Nyirenda, **L Chiwona-Karlton**, M Chitundu, S Haggblade & L Brimer (2011). Chemical safety of cassava products in regions adopting cassava and processing – experience from Southern Africa. *Food Chemical Toxicology* 49 (3) 607-612.
 35. Salehi , **L. Chiwona-Karlton**, U. Söderberg, L.O. Eriksson (2010). Livelihood dependency on woodland resources in southern Zagros, Iran. *Caspian J. Environmental Sciences*. Vol. 8 No.2 pp. 181~194

36. Trang Thi Huy Nha, **Linley Chiwona-Karltun**, Kjell Havnevik and Britta Ogle (2008). Tackling household food insecurity: the experience of Vietnam. *Asian Journal of Agriculture and Development* 5 (2) 41-56.
 37. J Chintsanya, **L Chiwona-Karltun**, B Kaneka, G Mandere, M Jumali-Phiri, R Pulcrino and Stloukal L (2010). Current and expected trends in demographic composition and poverty characteristics of rural households. Food and Agriculture Organisation (FAO).
 38. Balyejusa Elizabeth, Kizito, **Linley Chiwona-Karltun**, Thomas Egwang, Martin Fregene and Anna Westerbergh (2007). Genetic diversity and variety composition of cassava on small-scale farms in Uganda: An interdisciplinary study using genetic markers and farmer interviews. *Genetica* 130 (3):301
 39. **Chiwona-Karltun L** (2005). Migrating people – migrant health and diets. A vision for 2025. KSLA 2005/04. pp. 77-80. ISBN 91-85205-07-9
 40. **Chiwona-Karltun L**, Brimer L, Saka JDK, Mhone AR, Mkumbira J, Johansson L, Bokanga M, Mahungu, NM & Rosling H (2004). Bitter taste in cassava correlates with cyanogenic glucoside levels. *Journal of the Science of Food and Agriculture* 84 (6):581-590.
 41. Mkumbira J, **Chiwona-Karltun L**, Lagercrantz U, Mahungu NM, Saka J, Mhone A, Bokanga M, Brimer L, Gullberg U & Rosling H (2003). Classification of cassava into “bitter” and “cool” in Malawi: from farmers’ perception to characterisation by molecular markers. *Euphytica* 132(1):7-22.
 42. **Linley Chiwona-Karltun**, Chrissie Katundu, James Ngoma, Felistus Chipungu, Jonathan Mkumbira, Sidney Simukoko and Janice Jiggins (2002) Bitter cassava and women: an intriguing response to food security. *LEISA: magazine on low external input and sustainable agriculture* vol 18(4) December p. 14-15.
 43. **Chiwona-Karltun L**, T Tylleskär, J Mkumbira, M Gebre Medhin and H Rosling. (2000). “Low dietary cyanogen exposure from frequent consumption of potentially toxic cassava in Malawi.” *International Journal of Food Sciences and Nutrition* 51,33-43.
 44. **Chiwona-Karltun L**, J. Mkumbira, et al. (1998). “The importance of being bitter - a qualitative study on cassava cultivar preference in Malawi.” *Ecology of Food and Nutrition*: 37:219-45
 45. **Chiwona-Karltun, L** (2001). A reason to be bitter: cassava classification from the farmer’s perspective. PhD dissertation thesis. Karolinska Institutet, Stockholm, Sweden <http://diss.kib.ki.se/2001/91-7349-078-4/>
 46. Saka, K. J., A. Mhone, **Chiwona-Karltun, L**, et al. (1998). “Correlation between cyanogenic glucoside content and taste of fresh cassava roots.” *Tropical Agriculture (Trinidad)* 75(2): 169-173.
 47. **Linley Chiwona-Karltun** (1998). Att vara utländsk lärare vid ett Uppsala Universitet. In Appelgren K & Bluckert A (eds). Universitet som kulturell mötesplats – verklighet, utamanning och mjölighet.
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