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BIO STATEMENT: Dr. Ed Mabaya is a scholar and a development practitioner with more than two decades of experience working on development, agribusiness value chains and food security issues with a regional focus on Sub-Saharan Africa. He is a Research Professor in the [Department of Global Development](#) and Senior Research Associate in the [Charles H. Dyson School of Applied Economics and Management](#) at Cornell University. His teaching, research and outreach work focuses on food security and economic development in Africa. Previously he was the Division Manager of Agribusiness Development at the [African Development Bank](#) (2018-2020) where he managed continent-wide investments, partnerships and research in support of the [Feed Africa](#) strategy. Mabaya's applied research work is anchored around food marketing and distribution, enabling environments for agribusiness, seed systems, digital solutions for smallholder agriculture, and the role of efficient agricultural markets in Africa's economic development. He has published widely on these topics in both peer reviewed outlets and popular press media. His work has received many distinguished recognitions including for "42 African Innovators to Watch in 2016" by Ventures Africa magazine, Coca Cola Africa Diaspora Network 2013 recognition for "dedicated service and contribution towards sustainable development in Africa" and the 2006 and 2017 L.A. Potts Success Story awards for "program with model resulting in high impact on poor communities". He is a public speaker who has presented several keynote talks including [TEDx-MidAtlantic](#) and [TEDx-Johannesburg](#). He is the former President of [African Association of Agricultural Economists](#) (2017-2019) an [Archbishop Desmond Tutu Leadership Fellow](#) (2007) and [The Aspen Institute's New Voices Fellow](#) (2016). Mabaya earned his MSc (1998) and PhD (2003) degrees in Agricultural Economics at Cornell University and a BSc Honors in Agricultural Economics and Extension (1994) from the University of Zimbabwe.

EDUCATION

Ph.D. in Agricultural Economics	08/98 - 01/03
Department of Applied Economics and Management, Cornell University (<i>Ithaca, NY, USA</i>)	
M.S. in Agricultural Economics	01/96 - 08/98
Department of Agricultural, Resource and Managerial Economics Cornell University (<i>Ithaca, NY, USA</i>)	
B.Sc. in Agricultural Economics (Honors)	01/92 - 12/94
Department of Agricultural Economics and Extension University of Zimbabwe (<i>Harare, Zimbabwe</i>)	

FELLOWSHIPS

New Voices Fellow	02/16 - 12/16
The Aspen Institute (<i>Washington DC, USA</i>)	
Archbishop Desmond Tutu Leadership Fellow	01/07 - 12/07
African Leadership Institute, Oxford University (<i>Oxford, United Kingdom</i>)	

PREVIOUS EMPLOYMENT

Manager: Agribusiness Development Division African Development Bank (Abidjan, Cote d'Ivoire)	08/18-06/20
Senior Research Associate: Charles H. Dyson School of Applied Economics and Mgmt. Cornell University (Ithaca, NY, USA)	08/03-07/18
Associate Director: Emerging Markets Program Cornell University (Ithaca, NY, USA)	08/09-07/18
Associate Director: Cornell International Institute for Food and Agricultural Development Cornell University (Ithaca, NY, USA)	08/09-06/17
Director: Student Multidisciplinary Applied Research Teams (SMART) Cornell University (Ithaca, NY, USA)	08/16-07/18

HONORS, AWARDS AND FELLOWSHIPS

- President's Award "Presented by the membership of the *African Association of Agricultural Economists* to Dr. Edward Mabaya, 5th President (2017-2019). With deep appreciation for your hard work and dedicated service." 09/26/2019.
- [LA Potts Success Story award for the Student Multidisciplinary Applied Research Team](#) (SMART) award at the *Professional Agricultural Workers Conference (PAWC)* for program with model resulting in high impact on poor communities (12/2016).
- Selected for "[42 African Innovators to Watch](#)" in 2016 by Ventures Africa. I am number 17 on the list of "superheroes" who have shown an inspired commitment to the "three P's: Patterns – recognizing them; Preservation – innovators discard very few ideas; and Possibility – old ideas aren't dead and buried".
- [2016 Aspen Global Voices Fellow](#), selected globally among experts with "deep understanding of broad development challenges and a passion for communicating their views" (01/2016)
- [Coca Cola Africa Diaspora Network 2013](#) recognition for "dedicated service and contribution towards sustainable development in Africa".
- [Best paper presented at 2008 annual conference](#) of the *Agricultural Economics Association of South Africa (AEASA)*.
- [Archbishop Desmond Tutu Leadership Fellow](#), 2007 (Oxford University).
- Seeds of Development Program awarded the *L.A. Potts Success Story* award at the *Professional Agricultural Workers Conference (PAWC)* for program with model resulting in high impact on poor communities (12/06).
- *Rockefeller Research Grant* for Ph.D. Dissertation research (03/01).
- *Mario Einaudi Summer Research and Travel Grant* (04/01).
- *Institute for African Development Summer Research and Travel Grant* (04/01).
- *Golden Apple Award* for Teaching Excellence (Spring, 2000).
- *Richard Aplin Summer Assistantship* for excellence in teaching (Summer, 2000).
- *International Hunger Field Support Grant from First Presbyterian Church* (Summer, 2000).
- *Institute for African Development Fellowships* (Spring 1996, Fall 1999, Spring 2000).
- *University of Zimbabwe Book Prize* - For best graduating student in B.Sc. Agriculture (1994).

PROFESSIONAL MEMBERSHIPS

- International Association of Agricultural Economists (IAAE)
- International Food and Agribusiness Management Association – (IFAMA)
- Agricultural Economics Association of South Africa (AEASA)
- African Association of Agricultural Economists (AAAE)

SELECTED PUBLICATIONS

Books and Theses

1. Christy, R., Karaan, M., Mabaya, E., and Tihanyi, K. (Eds) *From Principles to Best Practices: A "Making Markets Matter" Guide to Managing African Agribusinesses*, Market Matters Inc., 2015 ISBN: 0692417346
2. Christy, R.D., da Silva, C.A., Mhlanga, N., Mabaya, E., and Tihanyi, K., (Eds.) *Innovative Institutions, Public Policies, and Private Strategies for Agro-Enterprise Development*, World Scientific Publishing, 2015. ISBN 978-981-4596-60-2.
3. Mabaya, E., Tihanyi, K., Karaan, M., and Van Rooyen, J., Eds. "Case Studies of South Africa's Emerging Farmers and Agribusinesses", Stellenbosch: SunMedia, 2011. ISBN 978-1-920338-65-7.
4. Mabaya, E., *Smallholder Agricultural Markets in Zimbabwe: Organization, Spatial Integration and Equilibrium*, PhD dissertation, Cornell University, Ithaca, New York, 2003.
5. Mabaya, E., "Smallholder Horticultural Markets in Zimbabwe: Market Organization and Price Movements", MS Thesis, Cornell University, 1998.

Book Chapters

1. Mabaya, E. "Adoption of GM crops in Africa: why the seed sector matters". In *Analyses. Africa's future...can biosciences contribute?* D. J Bennett & P. J Mitton (Eds). Cambridge, UK. Benson, 2015, pp 36-45.
2. Mabaya, E., and Bandama, M., "Marketing Strategy for African Agribusinesses" Chapter 2 in Christy, R., Karaan, M., Mabaya, E., and Tihanyi, K. (Eds) *From Principles to Best Practices: A "Making Markets Matter" Guide to Managing African Agribusinesses*, Market Matters Inc., 2015, pp 19-33.
3. Mba, C., Ininda, J., Mabaya, E., and Mwongera, C., "Effective Seed Systems to Combat Climate Change" Chapter IV (Section 3) in *2014 Africa Agriculture Status Report: Climate change and smallholder agriculture in sub-Saharan Africa*, Alliance for Green Revolution in Africa (AGRA), 2014, pp 130-139.
4. Mabaya, E., and Fulton, J., "Causes of Food Aid and Emergencies in Africa", Chapter 4 in Facknath, S., and Fernandes, T., (Eds) *Food and Nutrition Security in Africa*, International Council for Science (ICSU), 2015 (forthcoming).
5. Sartas, M., Jackson-Malete, J., Mogotsi, K., Mabaya, E., Tihanyi, K., Chimwamurombe, P., and Chiwona-Karlton, L., "Increasing utilization of indigenous plants in Southern Africa: Development of a value chain framework for future research" in *"Strengthening the Role of Universities as Hubs of Development" Published proceedings from 3rd International SANORD Symposium*, 2014, available at <http://www.e-pages.dk/aarhusuniversitet/736/7>, pp161-173.
6. Mabaya, E. Omanga, P., and DeVries, J., "Status of Seed Systems Development in Sub-Saharan Africa" Chapter 5 in *Africa Agriculture Status Report: Focus on Staple Crops*, Nairobi, Kenya: Alliance for Green Revolution in Africa (AGRA), 2013, pp 53-68.
7. Christy, R.D., da Silva, C.A., Mhlanga, N., Tihanyi, K., and Mabaya, E., "Introduction: *Innovative Institutions, Public Policies, and Private Strategies for Agro-Enterprise Development*" in Christy, R.D., da Silva, C.A., Mhlanga, N., Tihanyi, K. and Mabaya, E., (Eds.) *Innovative Institutions, Public Policies, and Private Strategies for Agro-Enterprise Development*, World Scientific Publishing, 2015, pp 1-24.

8. Boettiger, S., Haile, S., O'Connor, A., and Mabaya, E., "Tools for Scaling" Brief #1 in *Planning For Scale: Scaling Seed Systems to Impact Smallholder Farmers*, AgPartnerXchange, 2013 (available at http://media.wix.com/ugd/ad2c36_b69fad24cfde488a9aeb9f0b694f4caf.pdf)
9. Mabaya, E. and Chitja J. "Institutional Innovations Linking Small-Scale Produce Farmers to Markets in South Africa" in Christy, R.D., da Silva, C.A., Mhlanga, N., Tihanyi, K. and Mabaya, E., (Eds.) Chapter 1 in *Innovative Institutions, Public Policies, and Private Strategies for Agro-Enterprise Development*, World Scientific Publishing, 2015, pp 1-24.
10. Mabaya, E., Christy, R., and Bandama, M., "Capacity Building in Agribusiness Education and Training for sub-Saharan Africa" Chapter 11 in Swanepoel, F.J.C., Ofir, Z. and Stroebel, A. (Eds). *Towards Impact and Resilience: Transformative Change in and through Agricultural Education and Training in sub-Saharan Africa*. Cambridge Scholars Publishing, UK. 2013. pp 276-308.
11. Mabaya, E. "Business Networks as Innovative Institutions to Support Agro-Industries Development" In: da Silva, C.A., & Mhlanga, N (Eds.). *Innovative Policies and Institutions in Support of Agro-Industries Development*. Rome, Italy. Food and Agriculture Organization of the United Nations, 2011, pp 9-40.
12. Mabaya Edward, Aleksandra Janjic, Toniqua Hay and Tamara Struk, "Defining De Fynne: A small wholesale nursery" Chapter 18 in Mabaya Edward, Tihanyi Krisztina, Mohammad Karaan, and Johan van Rooyen, Eds., *Case Studies of South Africa's Emerging Farmers and Agribusinesses*, Stellenbosch: SunMedia, 2011. pp 27-51.
13. Mabaya Edward, Imani Grant, Yin Song, Krisztina Tihanyi, Phuong Tran and Jipei Zhang, "Ezulwini Chocolat: Standing up and standing out" chapter 3 in Mabaya Edward, Tihanyi Krisztina, Mohammad Karaan, and Johan van Rooyen, Eds., *Case Studies of South Africa's Emerging Farmers and Agribusinesses*, Stellenbosch: SunMedia, 2011. pp 52-69.
14. Mabaya Edward, Bahirah Adewunmi, Jeff Aziakou, Kristin O'Planick, Krisztina Tihanyi, "M'hudi Wines: A small business with a big vision," chapter 4 in Mabaya Edward, Tihanyi Krisztina, Mohammad Karaan, and Johan van Rooyen, Eds., *Case Studies of South Africa's Emerging Farmers and Agribusinesses*, Stellenbosch: SunMedia, 2011. pp 70-93.
15. Mabaya Edward, Michelle Manket, Seth Mosner, Perla E. Parra and Krisztina Tihanyi, "Intaba Fruit Processing: A matter of jam," chapter 7 in Mabaya Edward, Tihanyi Krisztina, Mohammad Karaan, and Johan van Rooyen, Eds., *Case Studies of South Africa's Emerging Farmers and Agribusinesses*, Stellenbosch: SunMedia, 2011. pp 123-136.
16. Mabaya Edward and Mohammad Kaaran, "Emerging farmers and agribusinesses in South Africa: Common Themes," chapter 18 in Mabaya Edward, Tihanyi Krisztina, Mohammad Karaan, and Johan van Rooyen, Eds., *Case Studies of South Africa's Emerging Farmers and Agribusinesses*, Stellenbosch: SunMedia, 2011. pp 297-303.
17. Christy, R., Mabaya, E., Wilson, N., Mutambatsere, E., Mhlanga, N., "Enabling Environments for Competitive Agro-industries", *Chapter 6 of Agro-industries for Development*, Edited by C A da Silva, D Baker, A W Shepherd, S M da Cruz, C Jenane., CABI, 2009.
18. Mabaya. E., "Transportation Costs and Spatial Integration of Agricultural Commodity Markets in Africa" Chapter 3 in Grieco, M.S. edited "*Africa, Transport and the Millennium Development Goals: Achieving an Internationally Set Agenda*," Cambridge Scholars Publishing, 2009, pp32-43.
19. Mabaya, E., Christy, R.D., and Tihanyi, K. "Advancing Africa's Green Revolution Through Private Seed Companies." *Meeting the Challenges to Sustainable Growth and Development in Rural*

Communities; Proceedings of the 64th Annual Professional Agricultural Workers Conference. Tuskegee University, 2008. pp 2-9.

20. Mabaya, E., and Christy, R.D., "Markets, Government and Development: Structural Adjustment Programs in a Global Economy" in Christy, R. edited *Achieving Sustainable Communities in a Global Economy*, World Scientific Publishing, 2004, pp 113-136.
21. Mabaya, E., and Christy, R.D., "Wholesale Price Movements for Horticultural Produce in Zimbabwe: an Analysis of Tomato Prices in Harare" in *Access and Equity Issues in Agriculture and Rural Development*, Edited by Baharanyi, N., Zabawa, R., and Hill W.A., Tuskegee University, 1998, pp 209-225.

Journal Articles

1. Porciello, J., H. A. Tufan, J. Njuki, P. Winters, **E. Mabaya**, and R. Coffman. "Averting hunger in sub-Saharan Africa requires data and synthesis." *Nature* 584, no. 7819 (2020): 37-40.
2. Ariga, J., **Mabaya, E.**, Waithaka, M. and Wanzala-Mlobela, M., Can improved agricultural technologies spur a green revolution in Africa? A multi-country analysis of seed and fertilizer delivery systems. *Agricultural Economics*, November 2019.
3. Tallis, Heather, **Mabaya, E.**, et al. "Aligning evidence generation and use across health, development, and environment." *Current Opinion in Environmental Sustainability* 39 (2019): 81-93.
4. Kinuthia, B.K., & **Mabaya, E.** (2017) The Impact of Agriculture Technology Adoption on Farmers' Welfare in Uganda and Tanzania. Partnership for Economic Policy, number 163, February 2017
5. Mabaya, E., Mandhania, A., Van der Elst, S.C., Xue, K., Li, H. and Odell, S.G., Challenges and opportunities in South Africa's indigenous plants industry: De Fynne Nursery. *International Journal on Food System Dynamics*,7(2), 2016, pp.131-142.
6. **Mabaya, E.** and Kiiti, N. "A Closer Look at the "New Era" Inclusive Agricultural and Rural Development" *African Journal of Food, Agriculture, Nutrition and Development (AJFAND)* Vol. 16 No. 1, March 2016.
7. Greyling, J.C., Vink, N. and **Mabaya, E.**, "South Africa's Agricultural Sector Twenty Years After Democracy (1994 to 2013)", *Professional Agricultural Workers Journal* Volume 3, Issue 1 (2015): 10.
8. **Mabaya, E.**, Fulton, J., Simiyu-Wafukho, S., and Nang'ayo, F., "Factors Influencing Adoption of Genetically Modified Crops in Africa", *Development Southern Africa*, Volume 32, Issue 5, 2015, pp 577-591.
9. **Mabaya, E.**, and Cramer, L., "Growth in a Globalized Industry: The Case of Hillside Green Growers & Exporters Ltd." *International Food and Agribusiness Management Review (IFAMR)*, Volume 17 Special Issue B, June 2014, pp 201-206.
10. Abidoye, A.O., and **Mabaya, E.**, "Adoption of Genetically Modified Crops in South Africa: Effects on Wholesale Maize Prices", *Agrekon: Agricultural Economics Research, Policy and Practice in Southern Africa*, Volume 53, Issue 1, January 2014, pp 104-123.
11. **Mabaya, E.**, Jackson, J., Ruethling, G., Carter, C.M., and Castle, J., "Wild Fruits of Africa: Commercializing Natural Products to Improve Rural Livelihoods in Southern Africa" *International Food and Agribusiness Management Review (IFAMR)*, Volume 17 Special Issue B, June 2014, pp 69-74.

12. **Mabaya, E.**, Ross, M., Shrestha, R., and Weiss, A., "Seven Sisters: Wine and Womanhood." *Emerald Emerging Markets Case Studies*, Vol. 4 Issue 8, 2014, pp. 1 – 17, 2014.
13. Lynch, M.K., and **Mabaya, E.**, "Bee Natural Uganda: Unlocking the Potential of Smallholder Farmers in the West Nile" *International Food and Agribusiness Management Review (IFAMR)*, Volume 17 Special Issue B, June 2014, pp 59-64
14. **Mabaya, E.**, Tihanyi, K.Z., Nwoga, M., and Cacho, J., "Next Steps: The Evolution of CSR at Novus International, Inc.", *International Food and Agribusiness Management Review*, Volume 16, Issue 3, September 2013.
15. **Mabaya, E.**, Faria, W., Jordan, D., "Markets for Marama Beans in Southern Africa: Linking Sustainable Products with Sustainable Livelihoods", *Development Southern Africa Journal*, Volume 28, Issue 4, 2011, pp 447-492.
16. Stephens, E.C., **Mabaya, E.**, Cramon–Taubadel, S., and Barrett, C.B., "Spatial Price Adjustment Dynamics with and Without Trade," *Oxford Bulletin of Economics and Statistics*, 2011.
17. **Mabaya, E.**, Jordan, D., Malope, P., Monkhei, M., and Jackson, J., "Attribute Preferences and Willingness to Pay for Fortified Cereal Foods in Botswana" *Agrekon: Agricultural Economics Research, Policy and Practice in Southern Africa*, Volume 49, Issue 4, December 2010.
18. **Mabaya, E.**, "Commentary on 'Private Sector Metrics Contributions to Social Change: Customer Satisfaction Meets Agriculture Development'", *IDS Bulletin*, Volume 41, Number 6, November 2010.
19. **Mabaya, E.**, Cramer, L.K., Mahiga, V.K., Pham, H.Q., Simpson, T.M., and Tang, X.C., "Supplying Improved Seed to Farmers in Rural Kenya: The Case of Freshco Kenya Ltd.", *International Food and Agribusiness Management Review*, Volume 12, Issue 1, 2009.
20. **Mabaya, E.**, "Spatial Market Integration Under Discontinuous Trade: An Analysis of Urban Spot Markets for Tomatoes in Zimbabwe", *Economie Rurale (French Agricultural Economics Journal)*, n°283-284, September-December 2004.