

CURRICULUM VITAE

NAME Yaw Nyarko

ADDRESS

Department of Economics
New York University
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EDUCATION

B.A. (Economics and Mathematics), University of Ghana, 1982
M.A. (Economics), Cornell University, 1985
Ph.D. (Economics), Cornell University, 1986

EMPLOYMENT

Fall 1998 – Present	Professor of Economics, New York University (NYU)
Fall 2018 – Present	Joint Professor, Division of Social Sciences, NYU Abu Dhabi
2011 – Present	Professor of Technology and Management, Tandon School of Engineering, NYU
2020 – 2022	Founding Director of the Development Laboratory (DevLab), NYU Abu Dhabi
June 2002 – December 2007	Vice Provost for Globalization and Multi-Cultural Affairs, NYU (with responsibility for NYU's international campuses and programs, Provost Liaison to the NYU Schools of Business, Education and Social Sciences in Arts and Sciences)
2010 – Present	Founding Director of the Center for Technology and Economic Development (CTED), NYU Abu Dhabi
2003 – Present	Founding Director of the Development Research Institute (DRI), NYU
2002 – Present	Founding Director of Africa House, NYU

March 2005	Visiting Professor, University of Paris I, Pantheon Sorbonne
2002 – 2004	Visiting Professor of Economics, Ashesi University, Ghana (and Advisor on management team during establishment of University)
1999 – 2000	Social Science Research Council, Program in Applied Economics Program Director
Fall 2001 – Spring 2002	Visiting Fellow, Yale Growth Center and the Cowles Foundation
Spring 1998, 2000	Fellow, Cowles Foundation
Summer 1998	Visiting Professor, University of Venice
December 1994	Consultant, Institute of Empirical Economics, Minneapolis Federal Reserve Bank
Fall 1994	Visiting Professor, University of Pennsylvania
Summer 1994	Visiting Professor, University of Venice
Summer 1991	Visiting Fellow, I.A.E., Universitat Autònoma de Barcelona
1986 – 1988	Assistant Professor of Economics, Brown University

FIELDS OF SPECIALIZATION

Growth and Development Economics, Human Capital Theory, Migration and Brain Drain Studies, Game Theory, Learning Theory

HONORS, AWARDS, AND GRANTS

2023	“Betting Against the Future – Smallholder Farmers in Africa, Forward Contracts and Storage,” International Growth Center (London School of Economics), UK £120,000
2022	Elected Member of the Council of the Econometric Society
2021	Research Associate of the National Bureau of Economic Research (NBER)
2021	Non-Resident Fellow, Center for Global Development (CGD)

September 2021	“Pilots on Nano Commodity Exchanges,” International Growth Center (London School of Economics), UK £20,000
September 2020	“Transforming Agriculture through Innovations in Output Markets in Ghana,” International Growth Center (London School of Economics), UK £150,000
2019	Elected Fellow of the Econometric Society
August 2019	“Workshop on Markets for Agricultural Output in Rural Sub-Saharan Africa,” International Growth Center (London School of Economics), UK £5,000
July 2019	“Baseline Deployments and Pilots for Evaluating the Impact of the Nascent Ghana Commodities Exchange,” International Growth Center (London School of Economics), UK £20,000
February 2018	“Research on Agricultural Markets in Ghana,” Anonymous, \$1.5M
September 2017	“Policy Research for the Establishment of the Ghana Commodities Exchange,” International Growth Center (London School of Economics), Supplemental grant to support capacity-building and evaluation programs for the Ghana Commodities Exchange, UK £20,000
June 2017	“Formal Evaluation of the Ghana Commodities Exchange,” International Growth Center (London School of Economics), Grant to develop mobile phone apps and technology for research and data gathering (follow-up grant), UK £80,000
March 2017	Award Honoree, Ghana 60 th Independence Day Celebration, Hosted by New York City Council Member Vanessa L. Gibson and the Black, Latino, and Asian Caucus of the New York City Council
Spring 2016	“Recruiting International Migrant Labor: Theory and Evidence,” NYU Abu Dhabi REALM Grant (joint with Suresh Naidu and Shing-Yi Wang), \$474,802
August 2015	Open Foundation Gift, \$30,000
January 2015	“Agricultural Markets: The Formation of the Ghana Commodities Exchange,” International Growth Center (London School of Economics), Grant to develop mobile phone apps and technology for research and data collection, UK £84,507
January 2015	“Ghana Research Center,” Anonymous, \$520,000

Spring 2012	“Ghana Research Center,” Anonymous, \$600,000
February 2013	“The Success Project,” Templeton Foundation (joint with William Easterly), \$2.4M
Fall 2011	“Esoko Market Information Systems,” Anonymous, \$405,000
Spring 2010	The BBVA Foundation Frontiers of Knowledge Award in the Development Cooperation Category (for the Development Research Institute, joint with William Easterly), €400,000
2010 – 2015	Technology Center for Rural Development, New York University in Abu Dhabi project (One of three initial projects cumulatively receiving \$20M over five years)
2008 – 2010	National Bureau of Economic Research (NBER), Boston, Massachusetts, “Human Capital Development in Sub-Saharan Africa,” \$61,000
2004 – 2005	National Science Foundation Grant #SES-0425118, “The Impact of Advice on Decision-Making,” with A. Schotter and B. Sopher
2001 – 2002	National Science Foundation Grant #SBR-0111640, "Advice and Beliefs in Experimental Games"
1999 – 2001	National Science Foundation Grant #SBR-98118621, "An Experimental Study of Learning in Repeated Games Using Real Beliefs"
1998 – 2000	National Science Foundation Grant #SBR-9810723, "Skills, Optimism and Growth: A Bayesian Analysis"
1995 – 1998	National Science Foundation Grant # SBR-9422763, "Human Capital and Bayesian Information Theory"
1992 – 1993	New York University Presidential Fellowship
1991	New York University Curricula Development Fund
1991	New York University Challenge Fund
1984 – 1986	Floyd Mundy Fellowship (Cornell)
1983 – 1984	A.D. White Presidential Fellowship (Cornell)

SAMPLE CONSULTANCIES

1. Background Technical Paper for the World Bank World Development Report, "Knowledge and Development," 1998 – 1999.
2. World Bank, "World Capital Flight," 2007.
3. Keynote Address, UN Economic Commission for Africa (UNECA), "Knowledge and Employment," Spring 2007.
4. UN Economic Commission for Africa, "Research Networks," 2007.
5. African Center for Economic Transformation (ACET); Accra, Ghana; 2009 and ongoing.
6. European Union Economic Report on Development (ERD), "Overcoming Fragility in Africa," 2009.
7. Ministry of Foreign Trade, United Arab Emirates, "Trade Opportunities with Africa," 2008 – 2010.

PUBLICATIONS

I. Economic Development and Human Capital Theory

1. "[From Bilateral Trade to Centralized Markets: A Search Model for Commodity Exchanges in Africa](#)," with Pellegrina, H., Journal of Development Economics 157, 2022.
2. "[Digital Trading and Market Platforms: Ghana Case Study](#)," with Neza, K. and Orozco, A. in Madon T., Anderson R.J., Casaburi L., Lee K., Rezaee A., Gadgil A.J. (eds.), An Introduction to Development Engineering, Springer (2022).
3. "[Managed Labor Migration in Afghanistan: A Brief Review of the Academic Migration Literature](#)," with Chartouni, C. World Bank (2018).
4. "[Asymmetric Information and Remittances: Evidence from Matched Administrative Data](#)," with Joseph, T., Wang, S., American Economic Journal: Applied Economics 2018, 10(2): 1-44.
5. "[Satellite Image Analytics, Land Change and Food Security](#)," Chakraborty, S., Jabbar, Z., Subramanian, L., and Nyarko, Y., ACM SIGKDD Workshop on Data Science for Food, Energy and Water (DSFEW), Co-located with KDD 2016, San Francisco, USA, 2016.
6. "[Monopsony Power in Migrant Labor Markets: Evidence from the United Arab Emirates](#)," joint with Naidu, S. and Wang, Y., (2016). Journal of Political Economy, Number 6, Volume 124, pp. 1735–1792.

Paper featured in: "[Migrant workers in the UAE: Wages of chagrin](#)," *The Economist*, April 9, 2016.

7. "[The Returns to the Brain Drain and Brain Circulation in Sub-Saharan Africa: Some Computations Using Data from Ghana](#)," in "African Successes: Human Capital," edited by Edwards, S., Johnson, S., and Weil, D., N., University of Chicago Press, (2016).

Previously published in: National Bureau of Economic Research, Working Paper 16813; Spring 2011; Boston, USA.
8. "[Mobility, Human Capital, Remittances, and Economic Transformation](#)" in "The Oxford Handbook of Africa and Economics." eds. Lin, J. and Monga, C., (2015). Oxford University Press, Volume 2: Policies and Practices.
9. "[Education, Internal Remittances and Safety Nets in Africa: Some Evidence](#)," joint with Gyimah, K., (2015). *Journal of African Development*: Volume 17, Issue 1, Spring 2015.
10. "[Preparing for Ebola Virus Disease in West African countries not yet affected: perspectives from Ghanaian health professionals](#)," with Goldfrank, L., Ogedegbe, G., Soghoian, S., de-Graft Aikins, A., and the NYU-UG-KBTH Ghana Ebola Working Group, in *Globalization and Health*, (2015). February 26, 2015.
11. "[Structure and Performance of Ethiopia's Coffee Export Sector](#)," with Minsten, B. and Tamru, S., (2014). *Wine Journal*, June 19, 2014.
12. "[Actors of Change in Africa: Human Capital and Markets](#)" in "[Africa at a Fork in the Road: Taking Off or Disappointment Once Again?](#)" edited by Zedillo, E., Wheeler, H., and Cattaneo, O., (2014). Chapter 20, pp. 355–363.
13. "[Experiences in Designing a Mobile GIS Mapping Tool for Rural Farmers in Ghana](#)," with Chakraborty, S., Tong, T., Chen, J., Aman, A., Mufti, T., Subramanian, L., (2013). 4th Annual Symposium on Computing for Development. Article No. 28.
14. "[The Economic Development Benefits of Human Mobility to Source Countries](#)" in "Labor Mobility, an Enabler for Sustainable Development," Prepared for the Emirates Center for Strategic Studies and Research (ECSSR) Conference, Abu Dhabi, May 14 – 15, 2013.
15. "[Sustaining High Economic Growth in Sub-Saharan Africa: Knowledge and the Structure of the Economy](#)." *Journal of African Economics*, Volume 22, #11 (2013).
16. "[Computing the Rate of Disappearance of Cropland Using Satellite Images](#)," Chakraborty, S., Dalton, S., and Subramanian, L., (2012). In *Proceedings of the 3rd International Conference on Computational Sustainability*, Denmark.
17. "[Africa and the Indian Ocean: Trade, Investments, Global Partnerships, and Lessons](#)," *Journal of African Development* Spring 2011, Vol. 13 #1.

18. "Rethinking the MDGs: Towards an Alternative Development Agenda post-2015," United Nations Economic Commission for Africa Working Paper, (November 2011).
19. "[The Brain Drain in Africa](#)," in the Companion to Economics in Africa (eds.) Aryeetey, E., Devarajan, S., Kanbur, R., and Kasekende, L., (2012). Oxford University Press.
20. "[The State of Tourism in Africa](#)," co-producer, joint with the World Bank and the Africa Travel Association (Summer 2010 and 2011).
21. "[Africa Tourism Monitor](#)," Published by the African Development Bank (2013, 2014, 2015, 2016, 2018). [AfDB portal for all reports](#).
22. "[Social Safety Nets: The Role of Education, Remittances and Migration](#)," with Gyimah-Brempong, K. and Hellwig, K., (2011). European Report on Development, European Union, Brussels.
23. "[Review of African Household Survey Data on Social Safety-Nets and the Role of Education, Remittances and Migration](#)," with Gyimah-Brempong, K. and Hellwig, K., (2011). European Report on Development, European Union, Brussels.
24. "[EU Policies and African Human Capital Development](#)," in the European Report on Development, (2010).
25. "[The United Arab Emirates: Some Lessons in Economic Development](#)," UN University World Institute for Development Economics Research (UNU-WIDER) volume "Country Role Models," Working Paper No. 2010/11, (February 2010).
26. "[Is the Brain Drain Good for Africa?](#)" with Easterly, W., (2009). In "Skilled Migration Today: Prospect, Problems and Policies," (eds.) Bhagwati, J., and Hanson, G., Oxford University Press, USA (April 21, 2009).
27. "[Africa and the Arab Gulf: A New Economic and Political Alliance?](#)" with Melitsko, S., (2010). Journal of African Development, Spring 2010, Vol. 12 #1.
28. "[Stepping Stone Mobility](#)," with Jovanovic, B., (1997). Carnegie-Rochester Conference Series on Public Policy, Vol. 46, pp. 289-326, (June 1997).
29. "[Learning by Doing and the Choice of Technology](#)," with Jovanovic, B., (1996). Econometrica, 64, 6, pp. 1299-1310.
30. "[A Bayesian Learning Model Fitted to a Variety of Empirical Learning Curves](#)," with Jovanovic, B., (1996). Brookings Papers on Economic Activity: Microeconomics Issue (1), pp. 247-299.
31. "[The Transfer of Human Capital](#)," with Jovanovic, B., (1995). Journal of Economic Dynamics and Control, Vol. 19, pp. 1033-1064.

32. "[Research and Productivity](#)," with Jovanovic, B., (1995). In "Creation and Transfer of Knowledge: Institutions and Incentives," (eds.) Giorgio Barba Navaretti, Partha Dasgupta, Karl-Göran Mäler, Domenico Siniscalco.
33. "[The New Growth Theory](#)," Chapter in The Encyclopedia of Life Support Systems (EOLSS), UNESCO, 2002, (www.eolss.net), in Fundamental Economics, Edited by Majumdar, M.

II. Experimental Economics

34. "[An Experimental Study of Belief Learning Using Elicited Beliefs](#)," joint with Schotter, A., (2002). *Econometrica*.
35. "[On the Informational Content of Advice: A Theoretical and Experimental Study](#)," joint with Schotter, A. and Sopher, B., (2005). *Economic Theory*.

III. Game Theory and Bayesian Learning Models

36. "[Most Games Violate the Common Priors Doctrine](#)," *International Journal of Economic Theory*, 6, pp. 187–192 (2010).
37. "[Bayesian Learning and Convergence to Nash Equilibria without Common Priors](#)," *Economic Theory*, 11(3), pp. 643–656, (1998).
38. "[Convergence in Economic Models with Bayesian Hierarchies of Beliefs](#)," *Journal of Economic Theory*, 74(2), pp. 266–296, (1997).
39. "Savage–Bayesians Play a Repeated Game," in "The Dynamics of Norms," (eds.) C. Bicchieri, R. Jeffrey, and B. Skyrms, Cambridge University Press, (1996).
40. "[Savage-Bayesian Models of Economics](#)," with Kiefer, N., M., (1995). In "Essays in Learning and Rationality in Economics and Games" (eds.) A. Kirman and M. Salmon, Basil Blackell Press.
41. "[Bounded Rationality and Learning: Introduction](#)," with Woodford, M and Yannelis, N., (1994). *Economic Theory*, 4(6), pp. 811–820.
42. "[Bayesian Learning Leads to Correlated Equilibria in Normal Form Games](#)," *Economic Theory*, 4(6), pp. 821–841, (1994).
43. "[On the Convexity of the Value Function in Bayesian Optimal Control Problems](#)," *Economic Theory*, 4, pp. 303–309, (1994).
44. "[Learning in Mis-specified Models and the Possibility of Cycles](#)," *Journal of Economic Theory*, 55, pp. 416–427, (1991).

45. [“On the Convergence of Bayesian Posterior Processes in Linear Economic Models: Counting Equations and Unknowns,”](#) Journal of Economic Dynamics and Control, 15, pp. 687– 713, (1991).
46. [“Optimal Bayesian Control of a Nonlinear Regression Process with Unknown Parameters,”](#) with Kiefer, N. M. (1989). Lecture Notes in Control and Information Sciences, Springer Verlag.
47. [“Optimal Control of an Unknown Linear Process with Learning”](#) with Kiefer, N. M., (1989). International Economic Review, 30(3), pp. 571–586.
48. [“Control of a Linear Regression Process with Unknown Parameters,”](#) with Kiefer, N. M., (1988). In “Dynamic Econometric Modelling” (eds.) W. Barnett and H. White, Cambridge University Press.

IV. Growth Theory

49. [“Optimal Growth with Unobservable Resources and Learning,”](#) with Olson, L., (1996). Journal of Economic Behavior and Organization, May, Vol. 29, pp. 465–491.
50. [“Stochastic Growth When Utility Depends on Both Consumption and the Stock Level,”](#) with Olson, L., (1994). Economic Theory, 4, pp. 791–797.
51. [“On the Existence of Optimal Processes in Non–Stationary Environments,”](#) with Mitra, T., (1991). Zeitschrift für Nationalökonomie, 53, pp. 245–270.
52. [“Stochastic Dynamic Models with Stock–Dependent Rewards,”](#) with Olson, L., (1991). Journal of Economic Theory, 55, pp. 161–168.
53. [“Dynamic Optimization Under Uncertainty: Non–convex Feasible Set,”](#) with Majumdar, M., and Mitra, T., (1989). In “Joan Robinson and Modern Economic Theory,” (Ed.) G. R. Feiwel, MacMillan Press, New York.
54. [“On Characterizing Optimality of Stochastic Competitive Processes,”](#) Journal of Economic Theory, 45(2), pp. 316–329, 1988. Reprinted in “Decentralization in Infinite Horizon Economies,” Edited by Majumdar, M., Westview Press, (1992).

V. Miscellaneous

55. [Review of “The Economy of Ghana Sixty Years after Independence”](#) edited by Ernest Aryeetey and Ravi Kanbur, American Economic Association Journal of Economic Literature (2018), 56(2), pp. 697-701.
56. [“GreenApps: A Platform For Cellular Edge Applications,”](#) with Ahmad, T., Reed-Sanchez, E., Zarinni, F., Afutu, A., Adjaho, K., & Subramanian, L. (2018, June). In Proceedings of the 1st ACM SIGCAS Conference on Computing and Sustainable Societies, (p. 45). ACM.

57. [“Transforming Rural Africa - Economics, Technology and Governance,”](#) Journal of African Development (2017), 19(1), pp. 161-167.
58. [“Food Price Volatility and Its Consequences: Introduction,”](#) Edited with Arezki, R., Aynaoui, K., E., and Teal, F., (2016). Special Issue, Oxford Economic Papers, Volume 68, Number 3, July 2016.
59. [“Rural Agricultural Markets: A Case Study in Ghana,”](#) with Aman, A., Coutts, A., Afutu, A., Lacy, C., Amoah-Bimpong, C., Eshun, E., F., Soldani, E., Amjad, F., Alipio, F., Essegbey, K., Adjaho, M. K., Nyame, S., S., Tong, T., Archavksi, V., (2016). Working paper prepared for the International Growth Center (London School of Economics), April 2016.
60. [“Commodity Exchanges in Africa: Transforming African Agriculture and Finance,”](#) Policy Brief for the International Growth Center (London School of Economics), February 2016.
61. [Review of the book “Games, Strategies, and Managers,”](#) by John McMillan, Journal of Economic Literature, XXXI, pp. 890–891.
62. Study Guide to Accompany “Microeconomics: A Modern Approach,” joint with Schotter, A., (1994). Harper Collins.
63. [“Comparing Learning Models with Ideal Micro-Experimental Data Sets,”](#) joint with Schotter, A., (2000).
64. [“Learning, Quantal Response Equilibrium and Equilibrium in Beliefs,”](#) C.V. Starr Center for Applied Economics, New York University in its series Working Papers with number 01-03. (May 1, 1998, revised June 18, 2001).
65. [“The Truth is in the Eye of the Beholder: or Equilibrium in Beliefs and Rational Learning in Games,”](#) C.V. Starr Center for Applied Economics, New York University in its series Working Papers with number 98-12. (September 18, 1998).

RADIO, TV, AND OTHER INTERVIEWS

BBC, World Vision, World Focus Public Radio, Voice of America

- [“West Africa's New Currency,”](#) Voice of America, (2020)
- [“Smallholder Farmers, Markets and Technology,”](#) Voice of America, (2019)
- [“Brexit, Africa and the Economy,”](#) Voice of America, (2019)

UNPUBLISHED WORKING PAPERS OR PAPERS UNDER PREPARATION FOR SUBMISSION TO JOURNALS

1. [“Price Information, Inter-Village Networks, and ‘Bargaining Spillovers’: Experimental Evidence from Ghana,”](#) with Hildebrandt, N., Romagnoli, G., and Soldani, E., (2020).
2. “Evaluating the Impact of Commodities Exchanges in Africa” Working paper prepared for the International Growth Center (London School of Economics), February 2016.
3. “The Private University and African Economic Development,” presented at the Yale YCIAS/Economic Growth Center Conference on International Higher Education and African Development, (2001).
4. “Learning toward Quantal Response Equilibria,” Manuscript, under review at Games and Economic Behavior, (2000).
5. “The Types of a Bayesian Equilibrium,” C.V. Starr Working Paper #93–36, NYU.
6. “The Savage–Bayesian Foundations of Economic Dynamics,” C.V. Starr Working Paper #93–35, NYU.
7. “On Bayesian Learning in Optimal Control Problems,” C.V. Starr Working Paper #90–02, NYU.
8. “Most Games Violate the Harsanyi Doctrine,” C.V. Starr Working Paper #91–39, NYU.
9. “Bayes' Rational Equilibria,” C.V. Starr Working Paper #89–05, NYU.
10. “Learning and Agreeing–To–Disagree Without Common Priors,” C.V. Starr Working Paper #91–51, NYU.

EDITORSHIP AND MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Non-Resident Fellow, Center for Global Development (CGD), 2021 – Present
- Invited Researcher, Agricultural Technology Adoption Initiative (ATAI), 2020 – Present
- Editorial Board Member, Journal of Gulf Economics, Trade and Finance, 2018 – Present
- Editorial Board Member, The World Bank Economic Review (WBER), 2017 – Present
- Associate Editor, Development Engineering, 2015 – February 28, 2023
- Series Editor, “Advances in African Economic, Social and Political Development,” Springer, ISSN: 2198-7262 (Series Editors: Seck, Diery, Elu, Juliet U., Nyarko, Yaw) 2013 – Present
- Chair, Cornell University Economics Department Review Committee, 2012

- Managing Editor, Journal of African Development, 2011 – 2015
- Editorial Board Member, Journal of African Development, 2011, 2015 – 2018
- Associate Editor, Journal of African Development, 2005 – 2009 (formerly Journal of African Finance and Economic Development (JAFED))
- Former Associate Editor, Journal of Economic Theory, 1991 – 1997
- Associate Editor, Economic Theory, 2001 – 2004
- Member, National Science Foundation Advisory Panel for Economics, 2001 – 2003
- Member, Econometric Society and the Society for Economic Dynamics

ECONOMETRIC SOCIETY OFFICES, COMMITTEE MEMBERSHIP AND HONORS

- Elected Member of the Council of the Econometric Society, 2022 – Present
- Elected Fellow, Econometric Society, 2019 – Present
- Elected Member of the Standing Committee, Africa Region of the Econometric Society, 2019 – 2022
- Chair, Regional Standing Committee, Africa Region of the Econometric Society, 2022
- Chair, Regional Standing Committee, Africa Region of the Econometric Society, 2021
- Member of the Society (without office), Africa Region of the Econometric Society, 2015–2018
- Member of the Standing Committee, Africa Region of the Econometric Society, 2015
- Chair, Standing Committee, Africa Region of the Econometric Society, 2014
- President of the African Econometric Society, 2013
- President of the African Econometric Society, 2012 (the African Econometric Society became the Africa Region of the Econometric Society in 2014)

REFEREEING

- Journal of Economic Theory, Review of Economic Studies, International Economic Review, Journal of Economic Dynamics and Control, Journal of Political Economy, Economic Theory, National Science Foundation

ADVISORY BOARD MEMBERSHIPS

- Association for Mentoring and Inclusion in Economics (AMIE) Advisory Board, University of Connecticut

TEACHING AND SEMINARS

AT NEW YORK UNIVERSITY:

- Technology and Economic Development: Networks and Markets (Undergraduate, Spring 2015 (NYC and Abu Dhabi); 2016 – Present (Abu Dhabi))
- Development Faculty Seminar at the Development Research Institute (2015 – Present)
- Introduction to Economic Thinking (Undergraduate, Fall 2011 - 2014)
- Africana/Africa House Seminar Series (2008 – Present)
- The Economics of Speculation – Theory (Graduate, Fall 1997 – 2007)
- The Economics of Speculation – Macro (Graduate, Spring 1994)
- Economics of Information and Uncertainty (Graduate; Fall 1988; Spring 1991, 1992, 1994)
- Topics in Dynamic Economics and Growth (Graduate, Spring 1989 and 1990)
- Microeconomic Theory (Graduate Core Class, Fall 1989 – 2001)
- Games, Decisions, and Strategy (Undergraduate, Each Spring 1989 – 1994)
- Societies and the Social Sciences: An Economics Perspective (Undergraduate, Fall 1996 – 1999)

AT BROWN UNIVERSITY:

- Economics 205: Microeconomic Theory (Graduate Core Class, Fall 1987)
- Economics 202: Mathematics for Economists (Graduate, Spring 1988)
- Economics 111 and 113: Principles of Micro (Undergraduate, Fall 1986, Fall and Spring 1987)
- Economics 283: Dynamic Optimization and Economic Growth (Graduate, Spring 1987 and 1988)

COMMITTEE SERVICE AT NEW YORK UNIVERSITY

- NYU Abu Dhabi Economics Search Committee (2021 – 2022)
- Academic Steering Committee for the UAE Ministry of Economy and Four-University Collaboration between NYU Abu Dhabi, American University of Sharjah, United Arab Emirates University, Zayed University (2021 – Present)
- NYU Abu Dhabi Vice Chancellor’s Implementation Committee on Race, Diversity, and Belonging (2020 – 2021)

- NYU Abu Dhabi University Promotion and Tenure (P&T) Committee (2020 – 2022)
- NYU Provost Academic Advisory Committee on Tenure (PAACT) (2019 – 2022)
- Chair of the NYU Abu Dhabi Provost Search Committee (2019 – 2020)
- NYU Abu Dhabi Vice Chancellor Search Committee (2018 – 2019)
- NYU Center for the Study of Africa and the African Diaspora (CSAAD) Advisory Board Member (2018 – Present)
- FAS Committee on Nominations and Elections (N&E) (Elected 2016 – 2019, Chairperson AY 17–18 and Co-Chair 18–19)
- NYU Global Network University Faculty Committee (2015 – 2019)
- NYU Economics Department Undergraduate Appeals and Commencement Committee (2015 – Present)
- NYU Shanghai Faculty Promotion and Review Committees (2015 – 2018)
- NYU Abu Dhabi 3rd Year Review Committees (2015 – 2016, 2016 – 2017)
- NYU Graduate School of Arts and Science Master’s in Computing and Development (2015 – 2016)
- NYU Graduate School of Arts and Science Honors and Awards Committee (2015 – 2016)
- NYU Abu Dhabi Economics External Core Curriculum Committee (2015 – 2016)
- NYU Abu Dhabi Faculty Promotion and Review Committees (2015 – 2016)
- NYU Graduate School of Arts and Science Dean Search Committee (2011)
- NYU Abu Dhabi Economics Committee (2008 – 2010)
- NYU FAS Dean's Search Committee (2009 – 2010)
- NYU Provost Search Committee (2001 – 2002)
- Faculty of Arts and Science Promotion and Tenure Committee (2000 – 2003)
- GSAS Financial Aid Committee (1998 – 2001)
- Director of Graduate Studies Fall (1995 – 2000)
- FAS Dean’s Search Committee (1999 – 2000)
- FCC Steering Committee (1999 – Present)
- Internal Faculty-Student Committee (1999 – 2000)
- GSAS Task Force on Financial Aid (1998)
- GSAS Financial Aid Committee (1998 – 2001)
- Africana Center Search Committee (1997 – Present)
- Economics Dept. Recruitment Committee (1988 – 1990, 1991–1992, 1993 – 1994, 1997)

- Core Microeconomics Field Exam Committee (1989 – Present)
- C.V. Starr Steering Committee (1990 – 1991)
- Merit and Evaluation Committee (1991 – 1992, Fall 1995 – Present)

CAPSTONE AND STUDENT SUPERVISION

AT NEW YORK UNIVERSITY:

- Angela Orozco (NYUAD Capstone Mentee, 2018)
- Karolina Wilczyńska (NYUAD Capstone Mentee, 2018)
- Imelda Wellington (NYUAD Capstone Mentee, 2018)
- Justin Lee (NYUAD Capstone Mentee, 2018)
- Aidana Assylbekova (NYUAD Capstone Mentee, 2019)
- Mahd Asghar (NYUAD Capstone Mentee, 2019)
- Jakub Bartoszewski (NYUAD Capstone Mentee, 2019)
- Yero Niamadio (NYUAD Capstone Mentee, 2019)
- Sarah Alkaabi (NYUAD Capstone Mentee, 2020)
- Ekin Basaran (NYUAD Capstone Mentee, 2020)
- Yohannes Nigatu Bogale (NYUAD Capstone Mentee, 2020)
- Shamsa Al Najjar (NYUAD Capstone Mentee, 2020)
- Anania Dereje (NYUAD Capstone Mentee, 2021)
- Aman Pandey (NYUAD Capstone Mentee, 2021)
- Sennah Chawa (NYUAD Capstone Mentee, 2022)
- Abdelrahman Megawer (NYUAD Capstone Mentee, 2022-23)
- Jessy Yim (NYUAD Capstone Mentee, 2022-23)
- Nicole Hildebrandt (Ph.D. Supervisor)

CONFERENCES AND SEMINARS (2010 – PRESENT)

- Organizer and Moderator, “Economic Development and Policy Research Roundtable,” NYU Abu Dhabi, Abu Dhabi, UAE, February 24, 2023.
- Organizer and Speaker; “Economic Development and Policy Research” Conference; co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu

Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; American University of Sharjah, Sharjah, UAE; February 23, 2023.

- Organizer and Moderator, “‘Biography of a People’ Cultural Heritage and Arts” Conference, Kumawu, Ghana, December 14, 2022.
- Organizer and Moderator, “Artist Láolú Senbanjo and Yaw Nyarko in Conversation: Art for Economic and Social Development,” New York, USA, December 6, 2022.
- Resource Person (for topics related to technology and economic development), African Economics Research Consortium (AERC) Conference, November 28 – 30, 2022.
- Participant, “University Blockchain Research Initiative (UBRI) Connect” 2022, London, United Kingdom, September 21 – 22, 2022.
- Organizer and Moderator, “Research Collaborations between NYU CTED, World Food Programme (WFP), and Togo Ministry of Agriculture to Support Smallholder Farmers” Conference, Kumawu, Ghana, August 18, 2022.
- Instructor, Project Master Class, Bill and Melinda Gates Foundation–African Economics Research Consortium (AERC) “Building Policy Research Institutions to Support Human Capital in Africa ‘Human Capital Development in Africa’ Project,” Virtual Conference, July 26 – 28, 2022.
- Organizer and Moderator, “Agricultural Markets, Traditional Arts, and Heritage” Conference, Kumawu, Ghana, June 18 – 19, 2022.
- Discussant, “New International Minimum Tax Regimes and Its Impact on Economic Development,” United Nations Conference on Trade and Development (Accra), Accra, Ghana, June 3, 2022.
- Chair, General Assembly and Econometrics Society Africa Regional Meeting, Africa Region of the Econometrics Society, Addis Ababa, Ethiopia, June 2 – 4, 2022.
- Organizer and Moderator; “Policy Research Networking Seminar Series: Economic Diversification;” co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; Virtual Seminar; May 25, 2022.
- Discussant, “Saviors and Skeptics: The Debate in the West on the Progress of the Rest” Bill Easterly Book Workshop, New York, USA, May 20, 2022.

- Panelist, “Africa’s Struggle for Its Art: History of a Postcolonial Defeat,” Webinar, March 29, 2022.
- Organizer and Speaker; “Economic Policy and Research in the UAE and Beyond” Conference; co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; NYU Abu Dhabi, Abu Dhabi, UAE; March 23, 2022.
- Organizer and Moderator; “Policy Research Networking Seminar Series: (i) Trade, Blockchain and Digital Currencies and (ii) Trade, Food Security and Climate Change;” co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; Virtual Seminar; February 23, 2022.
- Organizer and Moderator; “Policy Research Networking Seminar Series: Family Owned and Small- and Medium-Sized Businesses as Engines of Growth;” co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; Virtual Seminar; January 26, 2022.
- Panelist, “Perspectives on the Future of Africa in a Post-Pandemic World,” International Monetary Fund Africa Department’s 60th Anniversary Virtual Conference, December 15, 2021.
- Organizer and Moderator; “Policy Research Networking Seminar Series: Gulf Cooperation Council (GCC) Labor Markets and Gender Dynamics;” co-organized by the UAE Ministry of Economy, American University of Sharjah, NYU Abu Dhabi (through Yaw Nyarko), United Arab Emirates University, and Zayed University; Virtual Seminar; December 8, 2021.
- Moderator and Organizer, “Fireside Chat with Dr. Obiageli Ezekwesili,” NYU Africa House and NYU Wagner School of Public Service, Webinar, December 2, 2021.
- Chair, 55th AERC Biannual Plenary Session “Poverty, Growth, Redistribution, and Social Inclusion in Times of Covid-19 Pandemic in Africa,” African Economic Research Consortium (AERC), Virtual Conference, November 29, 2021.
- Panelist, “The Impact of Conflict and Political Instability on Food Insecurity in West Africa,” World Food Programme (WFP) and the Office for the Coordination of Humanitarian Affairs (OCHA), Webinar, November 29, 2021.

- Discussant, “Does Skill Make Us Human? Migrant Workers in 21st-Century Qatar and Beyond,” NYU Wagner’s Office of International Programs and the Hagob Kevorkian Center for Near Eastern Studies at NYU, Webinar, November 10, 2021.
- Moderator and Organizer, Afrobarometer Presentation “African Voices on African Issues,” NYU Abu Dhabi DevLab, Webinar, November 3, 2021.
- Co-Organizer and Panelist, Academic Track Closing Panel “The Future of Research on International Investment and Production,” United Nations Conference on Trade and Development (UNCTAD), 7th World Investment Forum (WIF) Virtual Conference, October 21, 2021.
- Co-Organizer and Panelist, Academic Track Opening Plenary Session “Setting the Future Research and Policy Agenda on International Investment and Development,” United Nations Conference on Trade and Development (UNCTAD), 7th World Investment Forum (WIF) Virtual Conference, October 18, 2021.
- Moderator and Organizer, “Fireside Chat with African Continental Free Trade Area (AfCFTA) Secretary-General H.E. Wamkele Mene,” NYU Africa House, Webinar, September 30, 2021.
- Keynote Address, “Bilateral Trade to Centralized Markets: A Search Model for Commodity Exchanges in Africa,” 2021 University of Ghana Department of Economics Alumni Congress and International Conference, Accra, Ghana, July 28, 2021.
- Moderator, Plenary Session “Improving Pre-secondary Education in Africa: Key Challenges and Solutions for the Development of Human Capital,” Africa Meeting of the Econometric Society hosted by Ecole Nationale Supérieure de Statistique et d’Economie Appliquée (ENSEA), Abidjan, Côte d’Ivoire, Hybrid Conference, June 5, 2021.
- Keynote Address, “Bilateral Trade to Centralized Markets: A Search Model for Commodity Exchanges in Africa,” Africa Meeting of the Econometric Society hosted by Ecole Nationale Supérieure de Statistique et d’Economie Appliquée (ENSEA), Abidjan, Côte d’Ivoire, Hybrid Conference, June 4, 2021.
- Moderator and Co-Organizer, “Is Development Economics a Good Investment? Evidence on Scaling Rate and Social Returns from USAID’s Innovation Fund,” NYU Abu Dhabi DevLab and NYU Abu Dhabi Institute, Webinar, May 26, 2021.
- Moderator and Organizer, “Reflections on Tanzania in Honor of Professor Benno J. Ndulu,” NYU Africa House, Webinar, April 22, 2021.

- Moderator and Co-Organizer, “Constitutional Trilemma of Large Scale Migration Flows,” NYU Abu Dhabi DevLab Seminar organized with NYU Abu Dhabi Institute, Webinar, April 5, 2021.
- Moderator and Organizer, “Spotlight on Côte d’Ivoire: Panel Discussion on the Socio-economic Environment of Côte d’Ivoire,” NYU Africa House, Webinar, March 25, 2021.
- Presenter, “[From bilateral trade to centralized markets: A search model for commodity exchanges in Africa](#),” School of Oriental and African Studies (SOAS) Center for Global Finance, University of London, Webinar, February 10, 2021.
- Co-Organizer, “Randomized Control Trials in the Field of Development: A Critical Perspective,” NYU Development Research Institute (DRI), Webinar, November 17, 2020.
- Presenter, “[Digital Trading and Market Platforms: Ghana Case Study](#),” Development Engineering (Dev Eng), University of California, Berkeley, Webinar, September 8, 2020.
- Moderator and Organizer, “The Fonio Cookbook, An Ancient Grain Rediscovered” Book Launch with Chef Pierre Thiam, New York, USA, February 6, 2020.
- Co-Organizer, Development Research Institute (DRI) Annual Conference “From Local to Global: The External Validity Challenge of Experiments,” November 7, 2019.
- Panelist, “Planning for the Future,” International University of Grand-Bassam (IUGB) Annual Panel Discussion, September 25, 2019.
- Presenter, “FinTech, Financial Inclusion and Sustainable Growth,” Global Finance Annual Conference at SOAS University of London, September 6 – 7, 2019.
- Organizer and Presenter, “Workshop on Markets for Agricultural Output in Rural Sub-Saharan Africa,” held at the Center for Technology and Economic Development in Kumawu, Ghana with the support of the International Growth Center (London School of Economics), August 26, 2019.
- Organizer and Presenter, 4th Annual CTED Ghana Rural Economic Development Forum, Kumawu, Ghana, March 8, 2019.
- Panelist, “Smart Policies for Cities,” Macroeconomic Fluctuations with Frictional Labor and Goods Markets: Theory and Data Conference, NYU Abu Dhabi, Abu Dhabi, UAE, February 20 – 21, 2019.
- Co-Organizer, Development Research Institute (DRI)-Africa House Annual Conference “Economics and Culture,” October 11, 2018.

- Organizer and Presenter, Book reading with H.E. President Dr. Jakaya M. Kikwete, Former President of the United Republic of Tanzania, September 20, 2018.
- Co-Organizer, UAE-Ghana Official Trade and Investment Mission, Accra, Ghana, September 4 – 5, 2018.
- Presenter, “Certification and Mutual Recognition of Skills,” Abu Dhabi Dialogue Senior Officials' Meeting, Colombo, Sri Lanka, May 8 – 9, 2018.
- Presenter, Roundtable on “Mobilizing support and accelerating implementation of the Sustainable Development Goals (SDGs) in Africa,” hosted by H.E. President Nana Addo Dankwa Akufo-Addo, President of Ghana and Co-chair of the UN Secretary General’s Eminent Group of Advocates for the SDGs, Accra, Ghana, December 11 – 12, 2017.
- Organizer and Presenter, 3rd Annual CTED Ghana Rural Economic Development Forum, Kumawu, Ghana, December 21, 2017.
- Presenter, REALM Conference; “Recruiting International Migrant Labor: Theory and Evidence,” NYU Abu Dhabi, Abu Dhabi, UAE, November 2017.
- Organizer and Presenter, “Economics and the Transformation of Africa: Commodities Exchange Program,” NYU Abu Dhabi, Abu Dhabi, UAE, October 30 – November 2, 2017 (with members of the Ghanaian Commodities Exchange and the Ethiopian Commodities Exchange).
- Organizer, CTED-Ghana Ministry of Food and Agriculture Farmer Capacity Building Trainings, July 2017.
- Organizer and Presenter, Presidential Town Hall with H.E. President Nana Akufo-Addo, President of the Republic of Ghana, June 2017.
- Organizer, Ghana Commodities Exchange (GCX) Knowledge Building Seminar, New York and Chicago, January 2017.
- Organizer and Presenter, 2nd Annual CTED Ghana Rural Economic Development Forum, Kumawu, Ghana, December 21, 2016.
- Co-Organizer and Presenter, Development Research Institute (DRI)-Africa House Annual Conference “The Global Migration Crisis,” New York, USA, October 20, 2016.
- Organizer and Moderator, “Namibia Commerce and Prosperity Forum with H.E. President Dr. Hage G. Geingob,” New York, USA, September 22, 2016.

- Organizer and Moderator, NYU Africa Presidential Forum, A meeting of Tourism Ministers on the occasion of the UN General Assembly Annual Meetings, New York, USA, September 19, 2016.
- Presenter, “Labour and Mobility,” Concept Note, Abu Dhabi Dialogue Senior Officials’ Meeting, Dubai, UAE, May 11 – 12, 2016.
- Presenter, “Asymmetric Information and Remittances: Evidence from Matched Administrative Data,” Political Economy of Labor Markets and Migration in Gulf Cooperation Council (GCC), Organized by the London School of Economics in Kuwait City, Kuwait, March 7, 2016.
- Keynote Address, AFEA/ASSA Meetings, Special Luncheon Speech to the African Finance and Economics Association and Receipt of Association Award, San Francisco, USA, January 3 – 5, 2016.
- Organizer, 1st Annual CTED Ghana Rural Tourism Development Forum, “Unlocking Africa’s Rural Tourism Potential,” Kumawu, Ghana, December 21, 2015.
- Keynote Address, “Price Information, Inter-Village Networks, and Bargaining Spillovers: Experimental Evidence from Ghana,” African Economic Research Consortium (AERC), Addis Ababa, Ethiopia, November 29 – December 2, 2015.
- Co-Organizer and Presenter, “Mobile Phone Revolution in Africa,” Development Research Institute (DRI) Annual Conference, New York, USA, November 13, 2015.
- Organizer and Moderator; NYU Africa Presidential Forum on the Occasion of the UN General Assembly Meetings with H. E. Dr. Jakaya M. Kikwete, President of United Republic of Tanzania; New York, USA; September 24, 2015.
- Keynote Address, “Price Information, Inter-Village Networks, and Bargaining Spillovers: Experimental Evidence from Ghana,” Econometric Society Africa Region Training Workshop, Lusaka, Zambia, July 22 – 24, 2015.
- Co-Organizer, Development Research Institute (DRI) Conference “Development without Freedom? Justice, Human Rights, and Foreign Aid in Africa,” April 16, 2015.
- Organizer; “The Economics of Emerging Commodity Exchanges;” NYU Abu Dhabi, Abu Dhabi, UAE; April 5 – 7, 2015 (with members of Ghanaian Commodities Exchange and the Ethiopian Commodities Exchange).
- Annual Investment Meeting, “Mobile Apps for Economic Development in Rural Africa,” Dubai, UAE, March 30 – April 1, 2015.

- NYU Abu Dhabi Annual Research Conference, Abu Dhabi, UAE, February 28 – March 1, 2015.
- Organizer, Gulf Thinkers/CTED Seminar, Presentation of “Worker Mobility in a Global Labor Market: Evidence from the United Arab Emirates,” NYU Abu Dhabi, Abu Dhabi, UAE, February 4, 2015.
- Co-Organizer and Presenter, Development Research Institute (DRI) Annual Conference “Cities and Development,” November 18, 2014, New York, USA.
- North East Universities Development Consortium (NEUDC) at Boston University, “Price Information, Inter-Village Networks, And Bargaining Spillovers: Experimental Evidence from Ghana,” presented by Nicole Hildebrandt, November 1, 2014.
- Ebola Preparedness Conference, Accra, Ghana, October 23, 2014.
- Commodities Exchange Seminar Conference, Abu Dhabi, UAE, September 6 – 9, 2014.
- Faculty Research Presentations: Economics Seminar Series, Abu Dhabi, UAE, September 1, 2014.
- Keynote Presenter, African Econometric Society Conference, Addis Ababa, Ethiopia, July 16 – 18, 2014.
- Yale University Zedillo Conference, “Actors of Change in Africa: Human Capital and Markets,” Connecticut, USA, April 14, 2014.
- NYU Abu Dhabi Annual Research Conference, “The Economics of the Food Crop Network in a Small Developing Nation (Ghana),” Abu Dhabi, UAE, February 22 – 24, 2014.
- “Rural Tourism and Greening as Drivers for Economic Transformation and the Leveraging Role of Technology,” Kumawu, Ghana, January 22, 2014.
- Special Guest of Honor and Panelist for high-level panel discussion on “The Economic Integration of Africa – the Role of the Private Sector,” Ghana Club 100 Awards Event, Accra, Ghana, October 2013 (special invitation by the President of the Republic of Ghana, H.E. John D. Mahama).
- Organizer and Moderator, NYU Africa Presidential Forum on the Occasion of the UN General Assembly Meetings with His Excellency Yoweri Kaguta Museveni, President of the Republic of Uganda. September 26, 2013.
- Organizer and Presenter, African Econometric Society Meeting. July 2013.

- Organizing Committee, “Labour Mobility – Enabler for Sustainable Development” Conference, Abu Dhabi, UAE, May 14 – 15, 2013 (held by the Ministry of Labour of the UAE).
- “Capital Flight and Entrepreneurship,” Eastern Economics Association Meeting, New York, USA. May 10, 2013.
- “Economic Transformation – the Human Capital and Brain Drain nexus,” African Development Bank, Tunis, Tunisia, March 2013.
- “Technology and Economic Development” IFPRI, Addis Ababa, Ethiopia, January 2013.
- Agence Française de Développement (AFD)-World Bank Migration Conference, Paris, June 28 – 30, 2012.
- Organizer, Technology and Economic Development Conference, Abu Dhabi, UAE, February 2012.
- Keynote Address, “Local Content laws and Economic Development,” Volta River Authority, Accra, Ghana, December 2011.
- Keynote Address, “Sustaining High Economic Growth in Sub-Saharan Africa: Knowledge and the Structure of the Economy,” African Economics Research Consortium, Nairobi, Kenya, December 2011.
- Keynote Address, "Rethinking the MDGs: Towards an Alternative Development Agenda post-2015," United Nations Economic Commission for Africa, Accra, Ghana, November 2011.
- Keynote Address, “Technology and Economic Development,” African Econometric Association, Nairobi, Kenya, Summer 2011.
- World Bank ABCDE Meetings, Paris, June 2011.
- Keynote Address, Africa Travel Association Annual Meetings, Dakar, Senegal, May 2011.
- Organizer, Technology and Economic Development Conference, NYU Abu Dhabi, March 2011.
- Co-Organizer, Development Research Institute (DRI) Conference, New York, USA, March 2011.
- African Center for Economic Transformation, Accra, Ghana, November 2010.
- Keynote Address, Paris AFD Conference on Development (special invitation by French Ministry of Foreign Affairs), March 2010.

- Measure–for–Measure Conference, Paris, France, 2010 (special invitation by French Ministry of Foreign Affairs).
- Keynote Address, Africa Travel Association Annual Meetings, Banjul, Gambia, May 2010.
- Organizer, NYU Abu Dhabi Conference “Africa, the Gulf, and the Indian Ocean,” Abu Dhabi, UAE, March 2010.
- ASSA/AEA Meetings in Atlanta, USA, January 2010.