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CURRICULUM VITAE

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Degrees: Ph.D., Yale University, 1991. Dissertation title: "Rural Credit in Northern Nigeria."  
B.A. with High Honors, Swarthmore College, 1981. Economics Major; History,  
Political Science and Anthropology Minor.

**Experience:**

*Ahmadu Bello University, Department of Agricultural Economics and Rural Sociology*  
Visiting Research Scholar, 1988-1989  
*Northwestern University, Department of Economics*  
Assistant Professor, 1990-1996  
Associate Professor, 1996-1998  
*University of Ghana, Institute of Statistical, Social and Economic Research*  
Visiting Senior Research Scholar, 1996-1997  
*Yale University, Department of Economics*  
Professor, 1998-

**Teaching Experience:**

*Yale University, 1998-* Graduate Economic Development, Economic Development in Africa Seminar.

*Northwestern University, 1990-98* - Graduate Economic Development (Econ. D25), Graduate Economic Development in Africa (Econ. D98), Economic Development (Econ. C25), Economic Development in Africa (Econ. C26), Freshman Seminar in Economics (Econ. A01).

*Yale University, 1985-90* - Economic Development in Africa Seminar (Econ. 469/806).  
Teaching assistant for Graduate Microeconomic Theory (Econ. 500, 501) and History of Economic Thought (Econ. 159/785).

*Ahmadu Bello University, Nigeria, 1988 - Graduate Mathematical Economics (AEC 600).*

*Ghana Secondary School, Tamale, Ghana, 1981-83 - Economics and Mathematics.*

### **Honors and Predoctoral Research Support:**

Invited Lecture, "Recent Advances in Empirical Microeconomic Research in Poor Countries" at the Winter Meetings of the American Economic Association, Jan. 1995

African Economic Research Consortium Resource Person 1994-1999

Charter member, Northwestern Alumni Association Faculty First Circle

Review of Economic Studies European Conference at the London School of Economics, Universitat Autònoma de Barcelona and Tel Aviv University, 1990

Alfred P. Sloan Dissertation Fellowship, 1989-90

National Science Foundation Doctoral Dissertation Research Grant, 1988-89

Fulbright-Hays Dissertation Research Abroad Fellowship, 1988-89

Social Science Research Council International Doctoral Research Fellowship, and Predissertation Field Research Fellowship, 1987-89

Yale Center for International and Area Studies Dissertation Research Grant, 1988-89

Sterling Prize Graduate Fellowship, Yale University, 1984

National Science Foundation Graduate Fellowship, 1984-87

Phi Beta Kappa, Swarthmore College, 1981

### **Postdoctoral Research Support:**

NSF. "Social Networks, Financial Markets and Household Organization in a Developing Country" \$202,583. Funded for 6/00 - 5/03

NSF. "Agricultural Innovation and Resource Management in Ghana." \$240,811. Funded for 3/97 - 2/00.

World Bank Research Committee. "Gender, Property Rights and Resource Management in Ghana." \$101,800 for soil testing expenses and World Bank staff time. Funded for 11/96 - 11/98. With Shahidur Khandker (P.I.) and Tara Vishwanath.

Fulbright Scholar Program. "Research in Agricultural Innovation and Resource Management in Ghana." \$20,000 plus travel costs plus monthly maintenance allowance. Funded for 10/96 - 10/97.

International Food Policy Research Institute. "Supplementary Funding for Research in Agricultural Innovation and Resource Management in Ghana." \$25,000. Funded for 10/96 - 10/97.

NSF. "Economic Organization, Efficiency and Market Failure in Households and Local Economies in Sub-Saharan Africa." \$95,313 for the period 2/1/95 through 2/1/97. Funded.

NSF. "Research Experience for Undergraduates," supplement to "Economic Organization, Efficiency and Market Failure..." \$6,250 for the period 9/1/95 - 12/31/96. Funded.

NSF. "Risk, Insurance and Wealth in Northern Nigeria." \$84,028 for the period 7/1/92 through 1/1/95. Completed.

Institute for Policy Reform. "Asset Markets and Risk Management in Northern Nigeria." \$5000 for 12/1/91 through 12/31/92. Completed.

### **Publications:**

1. "Social Learning Through Networks: The Adoption of New Agricultural Technologies in Ghana," with Timothy Conley. American Journal of Agricultural Economics. Forthcoming.
2. Readings in Development Microeconomics, 2 Volumes (edited with Pranab Bardhan, UC Berkeley), 2000, MIT Press.
3. Development Microeconomics (with Pranab Bardhan, UC Berkeley), 1999, Oxford University Press.
4. "Efficiency and Market Structure: Testing for Profit Maximization in African Agriculture," in Ranis and Raut, eds. 1999. Trade, Growth and Development: Essays in Honor of T.N. Srinivasan, Amsterdam: Elsevier Science.
5. "Comment on 'Geography, Demography, and Economic Growth in Africa,' by Bloom and Sachs." 1999. Brookings Papers on Economic Activity. 2:281-286.
6. "Drought and Saving in West Africa: Are Livestock a Buffer Stock?" with Katie Czukas and Marcel Fafchamps. 1998, Journal of Development Economics. 55(2), pp. 273-306.
7. "Rationing, Spillover and Interlinking in Credit Markets: The Case of Rural Punjab." 1997. Oxford Economic Papers. 49(4), pp. 557-585, with Clive Bell and T.N. Srinivasan.
8. "The Characteristics of Informal Financial Markets in Africa," with Ernest Aryeetey. 1997. Journal of African Economies. 6(1), pp. 161-203.
9. "Financial Markets and Financial Liberalization in Sub-Saharan Africa: A Synthesis," with Ernest Aryeetey and Lemma Senbet." 1997. Journal of African Economies. 6(1).
10. "Recent Advances in Empirical Microeconomic Research in Poor Countries." Winter 1997. Journal of Economic Education. 28(1), pp. 58-75.
11. "Estimation of Type 3 Tobit Models using Symmetric Trimming and Pairwise Comparisons,"

with Bo Honoré and Ekaterini Kyriazidou. January/February 1997. Journal of Econometrics. 76(1&2), pp. 107-28.

12. "Gender, Agricultural Productivity and the Theory of the Household." October, 1996. Journal of Political Economy. 104(5), pp.1010-47.
13. "Risk and Saving in Northern Nigeria," December, 1995. American Economic Review. 85(5), pp. 1287-1300.
14. "Gender Differentials in Farm Productivity: Implications for Household Efficiency and Agricultural Policy," with John Hoddinott, Harold Alderman, and Lawrence Haddad, 1995, Food Policy, special issue on *Getting Agriculture Moving*. 20(5), pp. 407-23.
15. "Risk and Insurance in a Rural Credit Market: An Empirical Investigation in Northern Nigeria," 1994. Review of Economic Studies. 61(3), no. 208, pp. 495-526.
16. "Agricultural Credit in Northern Nigeria: Credit as Insurance in a Rural Economy." World Bank Economic Review, 1990, Vol. 4, No. 3, pp. 251-269. Revised version reprinted in K. Hoff, A. Braverman, and J. Stiglitz, eds. 1993. The Economics of Rural Organization. Oxford: Oxford University Press.
17. "Production Relations in Semi-Arid African Agriculture," with Hans Binswanger and John McIntire, in Bardhan, P., ed. (1989) The Economic Theory of Agrarian Institutions. Oxford: Clarendon Press
18. Review of Bevan, D., P. Collier and J. Gunning. 1989. Peasants and Governments: An Economic Analysis. Oxford: Clarendon Press in Economic Journal, 1991, Vol. 101 No. 408, pp. 1304-6.

### **Working Papers:**

19. "Learning About a New Technology: Pineapple in Ghana," with Tim Conley. Manuscript, Yale Univ. July 2000.
20. "Gender and Land Resource Management in Southern Ghana," with Markus Goldstein. Manuscript, Yale University. October 1999.
21. "Agricultural Innovation and Resource Management in Ghana," with Markus Goldstein. Manuscript, Yale University. September 1999.
22. "Rural Household Asset Choice in Ghana," with Ernest Aryeetey. Manuscript, Yale University. November 1999.

23. "Saving in Sub-Saharan Africa," with Ernest Aryeetey. Center for International Development Working Paper no. 38, Harvard University. January 2000.
24. "On Collecting Data on Credit in Africa," paper prepared for a planning workshop for research on the Causes of Household Economic Change in Africa, Centre for the Study of African Economies, University of Oxford, August 1992.
25. "Risk and Saving in Northern Nigeria," Institute for Policy Reform Working Paper no. 62, June, 1993.
26. "Risk, Insurance and Default in a Rural Credit Market: An Empirical Investigation in Northern Nigeria," Economic Growth Center Discussion Paper no. 636, Yale University. July 1991.
27. "A Competitive Analysis of Rural Credit: State-Contingent Loans in Northern Nigeria." Economic Growth Center Discussion Paper no. 630, Yale University. April 1991.

#### **Papers Presented at Conferences and Seminars:**

2000-01 Papers presented at the Social Science Research Council Program in Applied Economics, Columbia.

1999-2000 Papers presented at Princeton, Harvard-MIT, Yale, Brown, Columbia, INRA-LEA/DELTA, Paris, Université de Toulouse I and the ICRISAT workshop on Revitalizing Village Level Surveys in Bulawayo, Zimbabwe. Keynote address at the 2000 Centre for the Study of African Economies Conference on Opportunities in Africa: Micro-evidence on firms and households, University of Oxford.

1998-99 Papers presented at the International Food Policy Research Institute, the Brookings Institution, Columbia, the New School for Social Research, NYU, Oslo, Princeton, Virginia Polytechnic, the World Bank, Yale and Harvard.

1997-98 Paper presented at the World Bank.

1996-97 Paper presented at the Institute of Statistical, Social and Economic Research, University of Ghana.

1995-96 Papers presented at the American Economic Association meetings, Bates College, Boston University, Cornell, Duke, Iowa and Yale.

1994-95 Papers presented at the African Economic Research Consortium, Nairobi, the American Economic Association meetings, Washington, the Econometric Society winter

meetings, the Northeast Development Economics Consortium, the Tinbergen Institute, Amsterdam, and at Berkeley, Chicago, Columbia, the University of Chicago Graduate School of Business, Harvard, Princeton, Rand, Santa Cruz, Stanford, the University of Illinois at Chicago and the University of Washington.

1993-94 Papers presented at the Winter Econometric Society Meetings, the Northeast Development Economics Consortium, the Rockefeller Foundation Conference on "Getting Agriculture Moving" at Bellagio, Italy and at Columbia, Wisconsin, Indiana, Johns Hopkins, Pittsburgh/Carengie-Mellon, Oxford and the Tinbergen Institute, Amsterdam.

1992-93 Papers presented at the Stanford Institute for Theoretical Economics, the Institute for Policy Reform/USAID Conference on Financial Markets and Institutions in Developing Countries, Washington, D.C., and at Harvard, Michigan State, Ohio State, DePaul and Washington Universities and the Universities of Oxford and Wisconsin.

1991-92 Papers presented at the Winter meetings of the Econometric Society, New Orleans, and at Boston and Princeton Universities and the Universities of Chicago, Pennsylvania and Illinois at Urbana-Champaign.

1990-91 Papers presented at the Santa Fe Institute workshop on Missing Markets, and at Rand and the Universities of Pennsylvania and Southern California.

1989-90 Papers presented at the Review of Economic Studies European Conference at the London School of Economics, Universitat Autònoma de Barcelona and Tel Aviv University, the North-East Development Economics Conference and at Berkeley, Chicago, Columbia, MIT, Princeton, UCLA, the University of Pennsylvania, Vanderbilt, the World Bank and Yale.

### **Peer Review:**

African Economic Research Consortium (for books and research proposals)

Agricultural Economics

The American Economic Review

American Journal of Agricultural Economics

Econometrica

Economic Development and Cultural Change

Economic Journal

Economics and Politics

Feminist Economics

International Economic Review

International Food Policy Research Institute

Journal of African Economies

Journal of Business and Economic Statistics

Journal of Development Economics

Journal of Development Studies  
Journal of Economic Education  
Journal of Economic History  
Journal of Economic Theory  
Journal of Econometrics  
Journal of Human Resources  
Journal of International Economics  
Journal of Political Economy  
Journal of Population Economics  
Journal of Quantitative Economics  
Journal of Sustainable Development in Africa  
National Science Foundation  
Oxford Economic Papers  
Oxford University Press  
Quarterly Journal of Economics  
Research in Economics/Ricerche Economiche  
Review of Economic Studies  
Review of Economics and Statistics  
Social Science and Humanities Research Council of Canada  
Southwest Publishing Company  
World Bank Economic Review  
World Bank Editorial Committee (for books)  
World Bank Research Committee (for research proposals).

Member, Editorial Board, Macmillan Press series on African Economies, 1994 -

Associate Editor, Journal of African Finance and Economic Development, 1996 -

Associate Editor, Journal of Development Economics, 1995 -