

Development Economics: Agriculture and the Organization of Production

December 13-17

Professor Christopher Udry
Northwestern University

Extreme poverty is concentrated among individuals who are engaged in low productivity agriculture. This course provides a theoretical and empirical examination of the economic activities of families and individuals living and working in the highly constrained environments of poor rural communities. The course will be organized around morning lectures and discussions; afternoons will be reserved for work using World Bank LSMS-ISA data.

A. The AHM

LaFave, D., & Thomas, D. (2018). "Farms, Families, and Markets: New Evidence on Agricultural Labor Markets" *Econometrica*. <https://ipl.econ.duke.edu/dthomas/docs/ppr/16May-FarmHH.pdf>

Jayachandran, Seema (2006) "Selling Labor Low: Wage Responses to Productivity Shocks in Developing Countries," *Journal of Political Economy*, 114 (3): 538-575.

B. Gender and Production

Chiappori, Pierre-Andre, and Maurizio Mazzocco. 2017. "Static and Intertemporal Household Decisions." *Journal of Economic Literature*, 55(3): 985-1045.

Udry, Christopher. 1996. "Gender, Agricultural Productivity and the Theory of the Household." *JPE*.

Rangel, Marcos and Duncan Thomas. 2019. "Decision-Making in Complex Households."

Beaman, Lori, Dean Karlan and Christopher Udry 2020. "Households, Gender and Family on Farms in Mali"

C. Farming technology and learning (Technology 1)

Foster, Andrew, Mark Rosenzweig. 1995. "Learning by Doing and Learning from Others: Human Capital and Technical Change in Agriculture." *Journal of Political Economy*.

Conley, Timothy and Chris Udry. 2010. "Learning About a New Technology: Pineapple in Ghana." *AER*

Hanna, Rema, Sendhil Mullainathan, and Joshua Schwartzstein. 2014. *Learning through noticing: theory and experimental evidence in farming*. QJE.

Casaburi, Lorenzo, Michael Kremer, Sendhidl Mullainathan, and Ravindra Ramrattan. 2019. "Harnessing ICT to Increase Agricultural Production: Evidence from Kenya." Working Paper.

Beaman, Lori, Ariel BenYishay, Jeremy Magruder and Mushfiq Mobarak. 2021. "Can Network-Theory-based Targeting Increase Technology Adoption." *American Economic Review*

Karlan et al "Information, Market Access and Risk: Addressing Constraints to Agricultural Transformation in Ghana" Manuscript: Northwestern

D. Markets and Allocative Efficiency

Bergquist, Lauren Falcao and Michael Dinerstein. 2020. "Competition and Entry in Agricultural Markets: Experimental Evidence from Kenya." *American Economic Review*.

Jensen, R. "The Digital Divide: Information (Technology), Market Performance and Welfare in the South Indian Fisheries Sector." *Quarterly Journal of Economics* 122, no. 3 (2008): 879-924.

Gollin, Douglas and Christopher Udry. 2020. "Heterogeneity, Measurement Error, and Misallocation: Evidence from African Agriculture" *Journal of Political Economy*.