

ECON 70560: Topics in Development Economics
Professor Lakshmi Iyer
Fall 2019

GENERAL INFORMATION

Class Time: Mondays and Wednesdays, 9.30-10.45am, in Jenkins Nanovic Hall B032
Office hours: Mondays 11.00-1.00; Tuesdays 2.30-3.30pm, in Jenkins Nanovic 3054. You can also email me (liyer@nd.edu) to schedule an appointment at a different time.

COURSE OVERVIEW

This course is designed to familiarize you with the research questions and recent literature in development economics, mainly from a microeconomic point of view. The goals of the class are:

- To have a good grasp of the theoretical models and empirical techniques used to answer questions in development economics.
- To train you to evaluate the quality and significance of research through active discussions in class and writing referee reports
- To practice professional academic skills such as paper presentations and doing a literature review.
- To have a detailed proposal for a paper in development economics by the end of the semester. This is the most important component, and the ideal situation is that you have a proposal good enough to be able to write the paper over the summer. This can be used as your third year paper, or as a chapter in your thesis.

COURSE MATERIALS

Classes will be mainly based on academic journal articles. Required readings are available on Sakai Resources. All other readings can be easily obtained via the library. You must read the required articles before coming to class and be prepared to actively engage in class discussion.

COURSE REQUIREMENTS

A. Class participation (15%)

Everyone is expected to read the required papers prior to class, and come to class prepared to discuss the papers and/or ask questions about them. A key part of being a professional economist is the ability to ask good questions in seminars (or otherwise) and be able to “think on your feet” and answer questions.

B. Paper presentations (20%)

You are required to present two papers in class over the course of the semester. Think of this exercise as both a practice for your own research presentations, and as a way to clearly communicate the findings of a paper to your classmates. You may pick any of the required readings, which are indicated with a * on the reading list (except those written by me). You should let me know by the second week of class (Sep 2) which ones you would like to present.

Each presentation will last roughly 25-30 minutes. It should address: 1) the paper’s motivation and, potentially, its links to other papers we have discussed 2) data used, 3) research design (identification strategy), 4) results, and 5) constructive critique of the study (identifying

limitations and proposing extensions or improvements). If you are using slides, plan on at most 15 slides for a 30-minute time slot.

C. Referee reports (30%)

There will be three referee report assignments during the semester. You should begin with a one-paragraph summary of the main contribution of the paper, and highlight the key strengths of the paper. You should then critique the paper, starting with fundamental concerns and concluding with more minor comments. You should include constructive and realistic recommendations for improvement. Each report should be 1-2 single-spaced pages.

Report #1 due Sep 16: choose one of Comin, Easterly and Gong (2010); Michalopoulos and Papaioannou (2013); Dell and Olken (2018).

Report #2 due Oct 7: choose one of Hornbeck (2010); Bloom, Mackenzie and Roberts (2012); Breza, Kaur and Shamdasani (2017); Burgess and Pande (2005).

Report #3 due Nov 4: choose one of the job market papers by development economics candidates on the market this year (see the list at the end of the syllabus).

D. Paper proposal (35%)

The goal is to get you to formulate a clear research project that can potentially serve as a third-year paper and/or a thesis chapter. The proposal should have the following components:

- What is the question?
- Why is this question important? Ideally it should be interesting to all economists, not just people in the development subfield. Also include a short literature review describing what we know about this question so far.
- Methodological approach
 - Justify your approach, and distinguish it from prior literature.
 - If theory: what will be your key building blocks, in what contexts are your assumptions justified.
 - If empirical, what data are available to answer this question, what will be your dependent and independent variables and your identification strategy.
- Initial progress
 - Theory: show that at least a “baby model” can be constructed to illustrate the intuition (e.g. by making specific functional form assumptions etc).
 - Empirical: get the data, provide summary statistics and run at least one regression
- Outline the path towards making this proposal into a full-fledged paper.

Here are some interim deadlines to facilitate progress towards the paper proposal:

- Sep 30: Describe three possible questions you would like to work on (one paragraph each). I will provide feedback on which of these may be most fruitful and doable, or guide you to relevant literature to make the judgement.
- Oct 14: Identify one specific question, describe why it is important, and provide a (short) literature review identifying and describing two papers that are the most closely related to

your proposed question. Also explain how your proposed work would be different from these papers.

- Oct 28: One-page research proposal is due. This should include a clearly specified question, explain why the question is important, describe the potential data sources and the regression you want to run. If the proposal is for a theory model, describe the basic building blocks of the model (e.g. will it be a one-period or multi-period model, who will be the key agents, which decisions and constraints you will be focusing on).
- Nov 18: Provide a full literature review for the paper proposal (1-2 pages).
- Dec 2: Proposal interim draft (e.g. data and summary statistics for an empirical paper)
- Dec 17 (8.00-10.00am): Paper proposal presentation + final submission

HONOR CODE

You are expected to adhere to the Academic Code of Honor Pledge: *“As a member of the Notre Dame community, I will not participate in or tolerate academic dishonesty.”* The full Code and a Student Guide to the Academic code of Honor are available at: <http://honorcode.nd.edu>.

SCHEDULE

Date	Topic	Due dates
Aug 28	Course overview	
<i>Pre-determined constraints to development</i>		
Sep 2	Geography Alsan (2015); Nunn & Puga (2012)	<i>Paper presentation choices due by Sep 2</i>
Sep 4, 9, 11	History (a) Acemoglu, Johnson, Robinson (2001); Banerjee & Iyer (2005) (b) Nunn (2008); Dell (2010); Michalopoulos & Papaioannou (2016) (c) Acemoglu & Robinson (2006, 2008); Przeworski (2009)	
<i>Constraints within the household</i>		
Sep 16, 18	Market frictions: Land (a) De Soto (2000); Field (2007); de Janvry et al (2015) (b) Eswaran & Kotwal (1985); Shaban (1987)	<i>Referee report #1 due on Sep 16</i>
Sep 23, 25	Market frictions: Labor (a) Dasgupta & Ray (1986); Alfonsi et al (2017); Groh et al (2016) (b) Naidu, Nyarko & Wang (2016); Brooks, Donovan & Johnson (2017); Cai & Szeidl (2017)	
Sep 30, Oct 2, 7	Market frictions: Capital (a) Ghatak & Guinnane (1999); Banerjee & Newman (1993) (b) De Mel, Mackenzie & Woodruff (2007); Haushofer & Shapiro (2016); Banerjee et al (2015) (c) Banerjee, Karlan & Zinman (2015); Karlan & Zinman (2009)	<i>Three possible paper ideas due on Sep 30; Referee report #2 due on Oct 7;</i>
Oct 9, 14	Market frictions: Insurance (a) Banerjee & Newman (1998); Munshi & Rosenzweig (2016) (b) Bryan, Chowdhury & Mobarak (2014); Karlan et al (2015)	<i>Short literature review due on Oct 14;</i>
<i>Fall Break Week Oct 19-27</i>		
Oct 16, 28, 30, Nov 4	Political institutions and political actors (a) Papaioannou & Sirounnis (2008); Olson (1993); Gerber & Green (2000); Gerber, Green & Larimer (2008) (b) Pons (2018); Durante, Pinotti & Tesei (2019) (c) Shepsle (2010); Fujiwara (2015); Chattopadhyay & Duflo (2004) (d) Burgess et al (2015); Alesina & Tabellini (2007); Rasul & Rogger (2016)	<i>One-page paper proposal due on Oct 28; Referee report #3 due on Nov 4</i>
Nov 6, 11	Corruption (a) Becker (1968); Shleifer & Vishny (1993); Olken & Barron (2009) (b) Olken (2007); Bjorkman & Svensson (2009)	

Nov 13, 18	Collective action and social norms (a) Banerjee, Iyer & Somanathan (2008; section 2); Miguel & Gugerty (2005) (b) Bursztyn, Egorov & Jensen (2019); Jensen & Oster (2019); Manski (1993)	<i>Full literature review due on Nov 18</i>
<i>Constraints within the household</i>		
Nov 20, 25	Human capital (a) Miguel & Kremer (2004); Kremer et al (2011) (b) Duflo (2001); Jensen (2012); Pritchett (2001)	
Dec 2, 4	Information (a) Thornton (2008); Cole & Fernando (2018) (b) Jensen (2007); Jensen & Miller (2018)	<i>Proposal interim draft due on Dec 2</i>
Dec 9	Intra-household inefficiencies Udry (1996); Jensen & Miller (2017)	
Dec 11	Behavioral biases Readings TBD	
Dec 17	Proposal presentations (8.00-10.00am) + Proposal submission deadline	

READING LIST

Required readings are indicated with a *. Papers for referee reports are indicated with a †.

1. Overview of Economic Development

*Banerjee, Abhijit and Esther Duflo. 2007. "The Economic Lives of the Poor." *Journal of Economic Perspectives* 21(1): 141–167.

*Kenny, Charles. 2005. Why are we worried about income? Nearly everything that matters is converging. *World Development*, 33(1), 1-19.

Bick, Alexander, Nicola Fuchs-Schündeln and David Lagakos. 2018. "How Do Hours Worked Vary with Income? Cross-Country Evidence and Implications." *American Economic Review*, 108(1):170-99

*Allen, Robert C. "Absolute Poverty: When Necessity Displaces Desire." *American Economic Review* 2017, 107(12): 3690–3721.

Banerjee, Abhijit, V., and Esther Duflo. 2008. "What Is Middle Class about the Middle Classes around the World?" *Journal of Economic Perspectives*, 22(2): 3-28.

Pritchett, Lant. 1997. "Divergence, Big Time." *The Journal of Economic Perspectives* 11 (3):3-17.

Ravallion, Martin. 2016. *The Economics of Poverty: History, Measurement, and Policy*. Oxford University Press. Chapter 3 "Measuring Welfare."

Kraay, Aart, and David McKenzie. 2014. "Do Poverty Traps Exist? Assessing the Evidence." *Journal of Economic Perspectives*, 28(3): 127-48.

Balboni, Clare, Oriana Bandiera, Robin Burgess, Maitreesh Ghatak & Anton Heil. 2019. "Why do People Stay Poor?" Work in progress.

Pre-determined constraints

2. Geography

Sachs JD, Malaney P. 2002. "The economic and social burden of malaria." *Nature*. 415:680–85

*Nunn N, Puga D. 2012. "Ruggedness: The Blessing of Bad Geography in Africa." *Review of Economics and Statistics* 94 (1):20-36.

*Alsan, Marcella. 2015. "The Effect of the TseTse Fly on African Development." *American Economic Review* 2015, 105(1): 382–410.

Alesina, Alberto, Paola Giuliano, and Nathan Nunn. 2013. "On the Origins of Gender Roles: Women and the Plough." *Quarterly Journal of Economics* 128 (2): 469–530.

Fenske, James. 2013. "Does Land Abundance Explain African Institutions?" *Economic Journal* 123 (573): 1363–90.

Jared Diamond, *Guns, Germs, and Steel: The Fates of Human Societies*, W.W. Norton (1999).

Jeffrey Herbst, *States and Power in Africa: Comparative Lessons in Authority and Control*, Princeton University Press (2000).

3. History

Cross-country Studies

Sokoloff, Kenneth L., and Stanley L. Engerman. 2000. "History Lessons: Institutions, Factors Endowments, and Paths of Development in the New World." *Journal of Economic Perspectives* 14 (3): 217–32

*Acemoglu, Daron, Simon Johnson, James Robinson. "The Colonial Origins of Comparative Development: An Empirical Investigation." *American Economic Review* 91, no. 5 (2001): 1369–401.

La Porta R, Lopez-de-Silanes F, Shleifer A, Vishny R. 1998. "Law and finance." *Journal of Political Economy* 106:1113–55

*Nunn, Nathan. "Long Term Effects of Africa's Slave Trades." *The Quarterly Journal of Economics* 123, no. 1 (2008): 139–76.

Nunn, Nathan, and Leonard Wantchekon. 2011. "The Slave Trade and the Origins of Mistrust in Africa." *American Economic Review* 101: 3221–52.

Michalopoulos, Stelios, and Elias Papaioannou. 2016. "The Long-Run Effects of the Scramble for Africa." *American Economic Review*, 2016, 106 (7): 1802-1848.

Gennaioli, Nicola, and Ilija Rainer. 2007. "The Modern Impact of Precolonial Centralization in Africa." *Journal of Economic Growth* 12 (3): 185–234.

Huillery, Elise. 2009. "History Matters: The Long Term Impact of Colonial Public Investments in French West Africa." *American Economic Journal - Applied Economics*, 1(2): 176-215

†Comin, Diego, William Easterly, and Eric Gong. 2010. "Was the Wealth of Nations Determined in 1000 BC?" *American Economic Journal: Macroeconomics* 2 (3): 65–97.

Feyrer, James and Bruce Sacerdote. 2009. "Colonialism and modern income: islands as natural experiments." *Review of Economics and Statistics* 91(2): 245–262.

Acemoglu D, Johnson S, Robinson JA. 2002. Reversal of fortune: geography and institutions in the making of the modern world income distribution. *Quarterly Journal of Economics* 117:1231–94.

Michalopoulos, Stelios, and Elias Papaioannou. 2014. “National Institutions and Subnational Development in Africa.” *Quarterly Journal of Economics* 129 (1): 151–213.

†Michalopoulos, Stelios, and Elias Papaioannou. 2013. “Pre-colonial Ethnic Institutions and Contemporary African Development.” *Econometrica* 81 (1): 113–52.

Nunn, Nathan. 2009. “The Importance of History for Development.” *Annual Review of Economics* 1: 65–92.

Within-country Studies

*Banerjee, Abhijit and Lakshmi Iyer. 2005. “History, Institutions and Economic Performance: the Legacy of Colonial Land Tenure Systems in India.” *American Economic Review* 95(4): 1190-1213.

Iyer, Lakshmi. 2010. “Direct versus Indirect Colonial Rule in India: Long-term Consequences.” *Review of Economics and Statistics* 92(4): 693-713.

*Dell, Melissa. 2010. “The Persistent Effects of Peru’s Mining MITA.” *Econometrica* 78 (6): 1863–903

†Dell, Melissa and Ben Olken. 2018. “The Development Effects of the Extractive Colonial Economy: The Dutch Cultivation System in Java.” *Review of Economic Studies*, forthcoming.

Institutional change and institutional persistence

*Acemoglu, Daron and James A. Robinson. 2008. “Persistence of Power, Elites, and Institutions.” *American Economic Review* 98:1, 267–293.

*Acemoglu, Daron, and James A. Robinson. 2006. *Economic Origins of Dictatorship and Democracy*. Cambridge University Press. Chapter 6, “Democratization.”

*Przeworski, Adam. 2009. “Conquered or Granted: A History of Franchise Extensions.” *British Journal of Political Science* 39: 291-321.

Acemoglu, Daron, and James A. Robinson. 2000. “Why did the West Extend the Franchise? Democracy, Inequality, and Growth in Historical Perspective.” *Quarterly Journal of Economics* 1167-99.

Constraints external to the household

4. Land Markets

*Eswaran, Mukesh, and Kotwal, Ashok. "A Theory of Contractual Structure in Agriculture." *American Economic Review* 75 (June 1985): 352–67.

*Shaban, Radwan Ali. "Testing between Competing Models of Sharecropping." *Journal of Political Economy* 95 (October 1987): 893–920.

Banerjee, Abhijit, Paul Gertler and Maitreesh Ghatak. 2002. "Empowerment and Efficiency: Tenancy Reform in West Bengal." *Journal of Political Economy* 100(2): 239-280.

*Hernando de Soto, "The Mystery of Missing Information," Chapter 2 in *The Mystery of Capital: Why Capitalism Triumphs in the West and Fails Everywhere Else*, Basic Books, 2000.

*Erica Field. 2007. Entitled to Work: Urban Tenure Security and the Labor Supply in Peru, *Quarterly Journal of Economics* 4(122): 1561-1602.

*de Janvry, Alain, Marco Gonzalez-Navarro, Kyle Emerick, and Elisabeth Sadoulet. 2015. "Delinking land rights from land use: Certification and migration in Mexico." *American Economic Review*, 105(10): 3125-49

Do, Quy-Toan and Lakshmi Iyer. 2008. "Land Titling and Rural Transition in Vietnam." *Economic Development and Cultural Change* 56(3): 531-579.

†Hornbeck, Richard. 2010. "Barbed Wire: Property Rights and Agricultural Development". *Quarterly Journal of Economics* 125(2): 767-810.

Di Tella, Rafael, Sebastian F. Galiani, and Ernesto S. Schargrodsky. 2007. "The Formation of Beliefs: Evidence from the Allocation of Land Titles to Squatters ." *Quarterly Journal of Economics* 122 (1): 209-241.

Chari, A.V., Elaine Liu, Shing-Yi Wang and Yongxiang Wang. 2017. "Property Rights, Land Misallocation and Agricultural Efficiency in China." Working paper.

5. Labor Markets

Creating Jobs

*Dasgupta, Partha and Debraj Ray. 1986. "Inequality as a Determinant of Malnutrition and Unemployment: Theory." *Economic Journal* 96: 1011-1034.

Dasgupta, Partha and Debraj Ray. 1987. "Inequality as a Determinant of Malnutrition and Unemployment: Policy." *Economic Journal* 97: 177-188.

*Alfonsi, Livia, Oriana Bandiera, Vittorio Bassi, Robin Burgess, Imran Rasul, Munshi Sulaiman and Anna Vitali. 2017. “Tackling Youth Unemployment: Evidence from a Labour Market Experiment in Uganda.” Working Paper.

*Groh, Matthew, Nandini Krishnan, David Mackenzie and Tara Vishwanath. “Do wage subsidies provide a stepping stone to employment for recent college graduates? Evidence from a Randomized Experiment in Jordan,” *Review of Economics and Statistics* 98(3): 488-502, 2016

† Hjort, Jonas, and Jonas Poulsen. 2019. “The Arrival of Fast Internet and Employment in Africa.” *American Economic Review*, 109 (3): 1032-79.

Improving Productivity

Hjort, Jonas. 2014. “Ethnic Divisions and Productivity in Firms.” *Quarterly Journal of Economics* 129(4): 1899–1946.

†Breza, Emily, Supreet Kaur and Yogit Shamdasani. 2017. “The Morale Effects of Pay Inequality.” Forthcoming, *Quarterly Journal of Economics*.

David McKenzie and Chris Woodruff. 2014. “What Are We Learning from Business Training and Entrepreneurship Evaluations around the Developing World?” *The World Bank Research Observer* 29(1): 48-82.

Blattman, Chris and Laura Ralston. 2015. “Generating employment in poor and fragile states: Evidence from labor market and entrepreneurship programs.” Focus on Intro, Section 1.3, Pages 8-20, Pages 36-38.

*Brooks, Wyatt, Kevin Donovan and Terence Johnson. 2017. “Mentors or Teachers? Microenterprise Training in Kenya.” *American Economic Review: Applied Economics*, forthcoming.

*Cai, Jing and Adam Szeidl. 2017. “Interfirm Relationships and Business Performance.” *Quarterly Journal of Economics*, forthcoming.

†Bloom, Eifert, Mackenzie, Mahajan and Roberts. "Does Management Matter? Evidence from India," *Quarterly Journal of Economics* 127 (2012):1351-1408

Francisco Campos, Michael Frese, Markus Goldstein, Leonardo Iacovone, Hillary Johnson, David Mackenzie and Mona Mensmann. 2017. “Teaching personal initiative beats traditional training in boosting small business in West Africa” *Science*, vol. 357, issue 6357: pp. 1287-90, 22 September 2017.

†de Mel, Suresh, David Mackenzie and Chris Woodruff. 2014. “Business Training and Female Enterprise Start-up, Growth, and Dynamics: Experimental evidence from Sri Lanka.” *Journal of Development Economics*, 106: 199-210.

Oriana Bandiera, Iwan Barankay, Imran Rasul (2012), Team Incentives: Evidence from a Firm Level Experiment, *Journal of the European Economic Association*.

Labor Market Restrictions

Besley and Burgess "Can Labor Regulation Hinder Economic Performance? Evidence from India," *Quarterly Journal of Economics* 119 (2004): 91-134.

*Naidu, Suresh, Yaw Nyarko and Shing-Yi Wang. 2016. "Monopsony Power in Migrant Labor Markets: Evidence from the United Arab Emirates." *Journal of Political Economy*.

Hornbeck, Richard, and Suresh Naidu. 2014. "When the Levee Breaks: Black Migration and Economic Development in the American South". *American Economic Review* 104(3): 963-990.

Kaur, Supreet. 2017. "Nominal Wage Rigidity in Village Labor Markets," Forthcoming, *American Economic Review*.

6. Capital Markets

Theory

Stiglitz, J. and A. Weiss (1981). "Credit Rationing in Markets with Imperfect Information," *American Economic Review* 71, 393–410.

*Banerjee, Abhijit and Andrew Newman. 1993. "Occupational Choice and the Process of Development." *Journal of Political Economy* 101(2): 274-298.

P. Ghosh, D. Mookherjee and D. Ray, "Credit Rationing in Developing Countries: An Overview of the Theory." <https://www.econ.nyu.edu/user/debraj/Papers/Gmr.pdf>

M. Eswaran and A Kotwal, "Access to Capital and Agrarian Production Organization," *Economic Journal* 1986, 96, 482-498.

*M. Ghatak and T. Guinnane, "The Economics of Lending with Joint Liability: Theory and Practice," *Journal of Development Economics* 1999, 60, 1-34.

T. Besley and S. Coate, "Group Lending, Repayment Incentives and Social Collateral," *Journal of Development Economics* 1995, 46, 1-18.

Cash transfers: Conditional and Unconditional

*Haushofer, Johannes, and Jeremy Shapiro. 2016. "The Short-Term Impact of Unconditional Cash Transfers to the Poor: Experimental Evidence from Kenya." *The Quarterly Journal of Economics*. 131(4): 1973-2042.

Haushofer, Johannes, and Jeremy Shapiro. 2018. "The Long-Term Impact of Unconditional Cash Transfers to the Poor: Experimental Evidence from Kenya." *Working paper*.

Parker, Susan W., and Petra E. Todd. 2017. "Conditional Cash Transfers: The Case of Progresa/Oportunidades." *Journal of Economic Literature*, 55(3): 866-915.

Baird, Sarah and Craig McIntosh and Berk Ozler. "Cash or Condition? Evidence from a Cash Transfer Experiment." *Quarterly Journal of Economics* 126 (2011).

Abhijit Banerjee, Rema Hanna, Gabriel Kreindler, and Benjamin A. Olken. 2016. "Debunking the Stereotype of the Lazy Welfare Recipient: Evidence from Cash Transfer Programs." Working paper.

*de Mel, McKenzie, and Woodruff. "Returns to Capital in Microenterprises: Evidence from a Field Experiment," *Quarterly Journal of Economics*, 123 (2007): 1329-1372

In-Kind Transfers

*Abhijit Banerjee, Esther Duflo, Nathanael Goldberg, Dean Karlan, Robert Osei, William Parienté, Jeremy Shapiro, Bram Thuysbaert, Christopher Udry. 2015. "A multifaceted program causes lasting progress for the very poor: Evidence from six countries." *Science* 348(6236). <https://karlan.yale.edu/sites/default/files/science-2015-banerjee-.pdf>

Oriana Bandiera, Robin Burgess, Narayan Das, Selim Gulesci, Imran Rasul, Munshi Sulaiman. 2016. "Labor Markets and Poverty in Village Economies." *Quarterly Journal of Economics*.

Changes to credit markets

*Banerjee, Karlan, and Zinman. 2015. "Six Randomized Evaluations of Microcredit: Introduction and Further Steps." *American Economic Journal: Applied Economics*, 7: 1-21.

"Group versus Individual Liability: Long Term Evidence from Philippine Lending Groups", March 2014, *Journal of Development Economics*, Volume 107, pp.65-83, joint with Xavier Gine

Field, Erica, Rohini Pande and Ben Feigenberg. 2013. "The Economic Returns to Social Interaction: Experimental Evidence from Microfinance." *Review of Economic Studies* 80(4): 1459-1483.

Banerjee, Abhijit, Esther Duflo, and Richard Hornbeck. 2017. "How Much do Existing Borrowers Value Microfinance? Evidence from an Experiment on Bundling Microcredit and Insurance", Working paper.

U. Lilienfeld-Toal, D. Mookherjee and S. Visaria. 2012. "The Distributive Impact of Reforms in Credit Enforcement: Evidence from Indian Debt Recovery Tribunals." *Econometrica*.

†Burgess, Robin and Rohini Pande. 2005. “Do Rural Banks Matter? Evidence from the Indian Social Banking Experiment.” *American Economic Review* 95(3): 780-795.

*Karlan, Dean and Jonathan Zinman. 2009. “Observing Unobservables: Identifying Information Asymmetries With A Consumer Credit Field Experiment.” *Econometrica* 77(6): 1993-2008.

Maitra, Pushkar, Sandip Mitra, Dilip Mookherjee, Alberto Motta and Sujata Visaria. “Financing smallholder agriculture: An experiment with agent-intermediated microloans in India.” *Journal of Development Economics* 127 (2017) 306–337.

7. Insurance Markets

*Banerjee, Abhijit, and Andrew F. Newman. 1998. “Information, the Dual Economy, and Development.” *Review of Economic Studies* 65 (4): 631–53.

*Munshi, Kaivan, and Mark Rosenzweig. 2016. "Networks and Misallocation: Insurance, Migration, and the Rural-Urban Wage Gap." *American Economic Review*, 106(1): 46-98.

*Karlan, Dean, Robert Osei, Isaac Osei-Akoto, Christopher Udry. 2015. “Agricultural Decisions after Relaxing Credit and Risk Constraints.” *The Quarterly Journal of Economics* 129(2): 597-652.

*G. Bryan, S. Chowdhury and A. M. Mobarak. 2014. "Under-Investment in a Profitable Technology: The Case of Seasonal Migration in Bangladesh," *Econometrica*, 82(5): 1671-1748.

Cole, Shawn A., Xavier Gine, Jeremy Tobacman, Petia Topalova, Robert M. Townsend, and James Vickery. 2013. “Barriers to Household Risk Management: Evidence from India.” *American Economic Journal: Applied Economics* 5(1): 104–135.

R. Townsend, “Risk and Insurance in Village India,” *Econometrica*, 1994

M. Mobarak and M. Rosenzweig, “Risk, Insurance and Wages in General Equilibrium,” working paper, Yale SOM, June 2014.

<http://faculty.som.yale.edu/mushfiqmobarak/papers/geneqm.pdf>

8. Political Institutions and Political Leaders

Political Institutions

*Olson, Mancur. "Dictatorship, Democracy, and Development." *The American Political Science Review* 87, no. 3 (1993): 567–76.

*Papaioannou, Elias and Gregorios Siourounis. 2008. “Democratisation and Growth.” *The Economic Journal*, 118 (October), 1520–1551.

Acemoglu, Daron, Suresh Naidu, James Robinson and Pascual Restrepo. 2017. "Democracy Does Cause Growth." *Journal of Political Economy*, forthcoming.

Coppedge, Michael, Staffan Lindberg, Svend-Erik Skaaning and Jan Teorell. 2016. "Measuring high level democratic principles using the V-Dem data." *International Political Science Review* 37(5): 580–593.

Persson, Torsten and Guido Tabellini. 2004. "Constitutional Rules and Fiscal Policy Outcomes." *American Economic Review* 94(1): 25-45.

Persson, Torsten and Guido Tabellini. 2006. "Democracy and Development: The Devil is in the Details." *American Economic Review* 96(2): 319-324.

Voter Turnout and Voting Decisions

*Shepsle, Kenneth. 2010. *Analyzing Politics: Rationality, Behavior and Institutions, 2nd Edition*. W.W.Norton.

*Fujiwara, Thomas. 2015. "Voting Technology, Political Responsiveness, and Infant Health: Evidence from Brazil." *Econometrica* 83(2): 423-464.

Miller, Grant. "Women's Suffrage, Political Responsiveness, and Child Survival in American History." *The Quarterly Journal of Economics* 123, no. 3 (2008): 1287–327.

*Gerber, Alan and Donald Green. 2000. "The effects of canvassing, telephone calls, and direct mail on voter turnout: a field experiment." *American Political Science Review* 94(3):653–63

*Gerber, Alan, Donald Green and Christopher Larimer. 2008. "Social Pressure and Voter Turnout: Evidence from a Large-Scale Field Experiment." *American Political Science Review* 102(1): 33-48.

Gentzkow, M. (August 2006) "Television and Voter Turnout" *Quarterly Journal of Economics*, 121 (3): 931-972.

DellaVigna, Stefano, John List, Ulrike Malmendier and Gautam Rao. 2016. "Voting to Tell Others." *Review of Economic Studies* (forthcoming).

Banerjee, Abhijit V., Selvan Kumar, Rohini Pande and Felix Su. "Do Informed Voters Make Better Choices? Experimental Evidence from Urban India." Working paper, 2011.

*Pons, Vincent. 2018. "Will a Five-Minute Discussion Change Your Mind? A Countrywide Experiment on Voter Choice in France." *American Economic Review*, 108(6): 1322–1363.

*Durante, Ruben, Paolo Pinotti, and Andrea Tesei. 2019. "The Political Legacy of Entertainment TV." *American Economic Review*, 109 (7): 2497-2530.

Durante, Ruben and Emilio Gutierrez. 2014. "Political Advertising and Voting Intentions: Evidence from Exogenous Variation in Ads Viewership." Working paper.
http://media.wix.com/ugd/dc1c3f_5aa108d540d441e88ba6804541718d82.pdf

Xavier Giné and Ghazala Mansuri. 2018. "Together We Will: Experimental Evidence on Female Voting Behavior in Pakistan." *American Economic Journal: Applied Economics* 10(1): 207–235

Wantchekon, Leonard. 2003. "Clientelism and voting behavior: evidence from a field experiment in Benin." *World Politics* 55(3):399–422

Fujiwara, Thomas, and Leonard Wantchekon. "Can Informed Public Deliberation Overcome Clientelism? Experimental Evidence from Benin". *American Economic Journal: Applied Economics* (Forthcoming)

Benjamin, Daniel and Jesse Shapiro. 2009. "Thin Slice Forecasts of Gubernatorial Elections." *Review of Economics and Statistics* 91(3): 523–536.

Pande, Rohini. 2011. "Can informed voters enforce better governance? Experiments in low-income democracies." *Annual Review of Economics* 3 (1):215-37.

Aker, Jenny C., Paul Collier and Pedro C. Vicente. 2017. "Is Information Power? Using Mobile Phones and Free Newspapers during an Election in Mozambique." *Review of Economics and Statistics*.

Miguel, Edward, Marco Manacorda, et al. "Government Transfers and Political Support." *American Economic Journal: Applied Economics*.

Ferraz, Claudio, and Frederico Finan. "Exposing Corrupt Politicians: The Effect of Brazil's Publicly Released Audits on Electoral Outcomes." *Quarterly Journal of Economics* 123, no. 2 (2008): 703–45.

Della Vigna, Stefano and Ethan Kaplan. 2007. "The Fox News Effect: Media Bias and Voting." *Quarterly Journal of Economics* 122: 1187-1234.

The Role of Political Leaders

Jones, Benjamin F. and Benjamin A. Olken. "Do Leaders Matter? National Leadership and Growth Since World War II." *Quarterly Journal of Economics* 120, no. 3 (2005): 835–64.

*Chattopadhyay, Raghavendra and Esther Duflo. 2004. "Women as Policy Makers: Evidence From a Randomized Experiment in India." *Econometrica* 72 (5): 1409–43.

Iyer, Lakshmi, Anandi Mani, Prachi Mishra and Petia Topalova. 2012. "The Power of Political Voice: Women's Political Representation and Crime in India." *American Economic Journal: Applied Economics* 4(4): 165-193.

*Burgess, Robin, Remi Jedwab, Edward Miguel, Ameet Morjaria and Gerard Padró i Miquel. 2015. "The Value of Democracy: Evidence from Road Building in Kenya." *American Economic Review* 105(6): 1817-1851.

Pande, Rohini. "Can Mandated Political Representation Increase Policy Influence for Disadvantaged Minorities." *American Economic Review* 93, no. 4 (2003): 1132–51.

Bhalotra, Sonia, Guilhem Cassan, Irma Clots-Figueras and Lakshmi Iyer. 2014. "Religion, Politician Identity and Development Outcomes: Evidence from India," *Journal of Economic Behavior and Organization* 104: 4-17.

Bhalotra, Sonia, Irma Clots-Figueras and Lakshmi Iyer. 2018. "Religion and Abortion: The Role of Politician Identity." Working Paper.

Meyersson, E. 2014. "Islamic Rule and the Empowerment of the Poor and Pious." *Econometrica* 82(1): 229-269.

The Role of Bureaucrats (Appointed Policymakers)

*Alesina, Alberto, and Guido Tabellini. 2007. "Bureaucrats and Politicians? Part I: A Single Policy Task." *American Economic Review* 97(1): 169-179.

Lim, Claire. 2013. "Preferences and Incentives of Appointed and Elected Public Officials." *American Economic Review* 103 (4): 1360-1397

Besley, Timothy, and Stephen Coate, "Elected Versus Appointed Regulators," *Journal of the European Economics Association* 1(5): 1176-1206.

Iyer, Lakshmi and Anandi Mani. 2012. "Traveling Agents: Political Change and Bureaucratic Turnover in India." *Review of Economics and Statistics* 94(3): 723-739.

Persson, Petra and Ekaterina Zhuravskaya. 2016. "The Limits of Career Concerns in Federalism: Evidence from China." *Journal of the European Economics Association* 14(2): 338-374.

*Rasul, Imran and Daniel Rogger. 2016. "Management of Bureaucrats and Public Service Delivery: Evidence from the Nigerian Civil Service." *Economic Journal* 128: 413-446.

Akhtari, Mitra, Diana Moreira and Laura Trucco. 2017. "Political Turnover, Bureaucratic Turnover and the Quality of Public Services." Working paper.

Xu, Guo. 2018. "The Costs of Patronage: Evidence from the British Empire." *American Economic Review*, 108 (11): 3170-98.

9. Corruption

*Becker, Gary. 1968. "Crime and punishment: An economic approach." *Journal of Political Economy* 76, 169-217.

*Shleifer, Andrei, and Robert W. Vishny. "Corruption." *The Quarterly Journal of Economics* 108, no. 3 (1993): 599–617.

*Olken, Benjamin A., and Patrick Barron. "The Simple Economics of Extortion: Evidence from Trucking in Aceh." (PDF) *Journal of Political Economy* 117, no. 3 (2009): 417–52.

Banerjee, Abhijit. 1997. "A Theory of Misgovernance." *Quarterly Journal of Economics*: 1289-1332.

Tirole, Jean. 1996. "A Theory of Collective Reputations," *Review of Economic Studies* 63: 1–22.

*Olken, Benjamin. "Monitoring Corruption: Evidence from a Field Experiment in Indonesia." *Journal of Political Economy* 115, no. 2 (2007): 200–49.

*Björkman, Martina, and Jakob Svensson. "Power to the People: Evidence from a Randomized Experiment of a Citizen Report Card Project in Uganda." *Quarterly Journal of Economics* 124, no. 2 (2009): 735–69.

Muralidharan, Karthik, Paul Niehaus and Sandip Sukhtankar. 2016. "Building State Capacity: Evidence from Biometric Smartcards in India." *American Economic Review* 106(1): 2895-2929.

Niehaus, Paul and Sandip Sukhtankar. 2013. "The Marginal Rate of Corruption in Public Programs." *Journal of Public Economics* 104: 52-64.

Banerjee, Abhijit, Esther Duflo, Clement Imbert, Santhosh Mathew and Rohini Pande. 2016. "E-governance, Accountability, and Leakage in Public Programs- Experimental Evidence from a Financial Management Reform in India." Working paper.

Björkman, Martina, Damien de Walque and Jakob Svensson. 2016. "Information is Power: Experimental Evidence on the Long-Run Impact of Community Based Monitoring." *American Economic Journal: Applied Economics* (forthcoming).

Fisman, Ray. "Estimating the Value of Political Connections." *American Economic Review* 91, no. 4 (2001): 1095–102.

Treisman, Daniel. 2007. "What Have we Learned about the Causes of Corruption from Ten Years of Cross-national Empirical Research?" *Annual Review of Political Science* 10:211-44.

Di Tella, Rafael, and Ernesto Schargrotsky. "The Role of Wages and Auditing During a Crackdown on Corruption in the City of Buenos Aires." *Journal of Law and Economics* 46, no. 1 (2003): 269–92.

Lewis-Faupel S, Neggers Y, Olken BA, Pande R. 2016. "Can Electronic Procurement Improve Infrastructure Provision? Evidence from Public Works in India and Indonesia." *American Economic Journal: Economic Policy* 8(3): 258-283.

Banerjee, Abhijit, Rukmini Banerji, Esther Duflo, Rachel Glennerster, Stuti Khemani. 2010. "Pitfalls of Participatory Programs: Evidence from three randomized experiments in education in India." *American Economic Journal: Economic Policy, Vol. 2 (1)*.

10. Collective Action and Social Norms

Collective Action

*Banerjee, Abhijit, Lakshmi Iyer and Rohini Somanathan. 2008. "Public Action for Public Goods: Theory and Evidence." In *Handbook of Development Economics* Vol. 4, edited by T. Paul Schultz and John Strauss. Elsevier Science & Technology Books. (focus on Section 2)

*Miguel, Edward, and Mary Kay Gugerty. "Ethnic Diversity, Social Sanctions, and Public Goods in Kenya." *Journal of Public Economics* 89, no. 11–12 (2005): 2325–68.

Guiso, Luigi, Paola Sapienza, and Luigi Zingales. 2004. "The Role of Social Capital in Financial Development." *American Economic Review*, 94(3): 526-556.

Hjort, Jonas. "Pre-Colonial Culture, Post-Colonial Economic Success? The Tswana and the African Economic Miracle." *The Economic History Review* 63, no. 3 (August 2010): 688-709.

Easterly, William and Ross Levine, "Africa's Growth Tragedy: Policies and Ethnic Divisions," *Quarterly Journal of Economics* 112(4): 1203-1250, 1997.

Miguel, Edward. "Tribe or Nation?: Nation Building and Public Goods in Kenya versus Tanzania." *World Politics* 56, no. 3 (2004): 327–62.

Olson, Mancur. *The Logic of Collective Action: Public Goods and the Theory of Groups*. Harvard University Press, 1965. ISBN: 9780674537507.

Ray, Debraj, and Joan Maria Esteban. "Collective Action and the Group Size Paradox." *American Political Science Review* 95, no. 3 (2001): 663–72.

Alesina, A. and E. Le Ferrara (Sept. 2005) "Ethnic Diversity and Economic Performance" *Journal of Economic Literature*, Vol. 43, 3: 762-800.

Alesina, Alberto, Reza Baqir, et al. "Public Goods and Ethnic Divisions." *Quarterly Journal of Economics* 114, no. 4 (1999): 1243–84.

Guiso, L., P. Sapienza, and L. Zingales (Spring 2006) “Does Culture Affect Economic Outcomes?” *Journal of Economic Perspectives*, 23-48

Social Norms and Peer Pressure

*Bursztyn, Leonardo, Georgy Egorov and Robert Jensen (2019). “Cool to be Smart or Smart to be Cool? Understanding Peer Pressure in Education.” *The Review of Economic Studies*, 86(4): 1487–1526.

*Jensen, Robert and Emily Oster. 2009. “The Power of TV: Cable Television and Women’s Status in India.” *Quarterly Journal of Economics* 124(3): 1057 – 1094.

*Manski, Charles. 1993. “Identification of Endogenous Social Effects: The Reflection Problem.” *Review of Economic Studies* 60(3): 531-542.

Bursztyn, Leonardo, Thomas Fujiwara, and Amanda Pallais. 2017. “‘Acting Wife’: Marriage Market Incentives and Labor Market Investments.” *American Economic Review*, 107 (11): 3288-3319.

Bursztyn, Leonardo and Robert Jensen (2017). “Social Image and Economic Behavior in the Field: Identifying, Understanding and Shaping Social Pressure,” *Annual Review of Economics* 9: 131 – 153.

Bursztyn, Leonardo and Robert Jensen (2015). “How Does Peer Pressure Affect Educational Investments?” *Quarterly Journal of Economics* 130(3): 1329 – 1367.

Arthur Blouin and Sharun Mukand. 2018. “Erasing Ethnicity? Propaganda, Nation Building and Identity in Rwanda,” *Journal of Political Economy*, forthcoming.

Individual and Household Constraints

11. Human capital

Health

*Miguel, Edward and Michael Kremer. 2004. “Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities.” *Econometrica* 72(1): 159–217.

*Kremer, Michael, Jessica Leino, Edward Miguel and Alix Zwane. 2011. “Spring Cleaning: Rural Water Impacts, Valuation, and Property Rights Institutions.” *Quarterly Journal of Economics* 126(1): 145- 205.

Banerjee, Abhijit, Esther Duflo, Rachel Glennerster and Dhruva Kothari. 2010. “Improving Immunization Coverage in Rural India: A Clustered Randomized Controlled Evaluation of Immunization Campaigns with and without Incentives.” *British Medical Journal*, May 2010

Baird, Sarah, Joan Hamory Hicks, Michael Kremer, and Edward Miguel. 2016. "Worms at Work: Long-Run Impacts of a Child Health investment." *Quarterly Journal of Economics* 131 (4): 1637-1680.

Ahuja, Amrita, Michael Kremer, and Alix Peterson Zwane. 2010. "Providing Safe Water: Evidence from Randomized Evaluations." *Annual Review of Resource Economics* 2: 237-256.

Chong, Alberto, Isabelle Cohen, Erica Field, Eduardo Nakasone, and Maximo Torero. Iron Deficiency and Schooling Attainment in Peru. *American Economic Journal: Applied Economics*, forthcoming.

Duflo, Esther, Pascaline Dupas and Michael Kremer. 2015. "Education, HIV and Early Fertility: Experimental Evidence from Kenya." *American Economic Review* 105(9).

Education

*Pritchett, Lant. 2001. "Where Has All the Education Gone?" *The World Bank Economic Review* 15 (3): 367-391.

Hanushek, Eric. 2016. "Will more higher education improve economic growth?" *Oxford Review of Economic Policy* 32(4): 538–552.

*Jensen, Robert (2012). "Do Labor Market Opportunities Affect Young Women's Work and Family Decisions? Experimental Evidence from India," *Quarterly Journal of Economics*, 127(2), p. 753 – 792.

*Duflo, Esther. 2001. "Schooling and Labor Market Consequences of School Construction in Indonesia: Evidence from an Unusual Policy Experiment." *American Economic Review*, 91(4): 795-813.

Muralidharan, Karthik and Venkatesh Sundararaman. 2011. "Teacher Performance Pay: Experimental Evidence from India." *Journal of Political Economy* 119(1): 39-77.

Nazmul Chaudhury, Jeffrey Hammer, Michael Kremer, Karthik Muralidharan and Halsey Rogers. 2006. "Missing in Action: Teacher and Health Worker Absence in Developing Countries." *Journal of Economic Perspectives*, Winter 2006, pp 91-116

Schoellman, Todd. 2012. "Education Quality and Development Accounting." *Review of Economic Studies* 79(1): 388-417.

12. Information

*Jensen, Robert T. (2007). "The Digital Divide: Information (Technology), Market Performance and Welfare in the South Indian Fisheries Sector," *Quarterly Journal of Economics*, 122(3), p. 879 – 92.

Aker, Jenny. "Information from Markets Near and Far: Mobile Phones and Agricultural Markets in Niger." *American Economic Journal: Applied Economics*. 2(July 2010): 46-59.

Mitra, Sandip, Dilip Mookherjee, Maximo Torero and Sujata Visaria. "Middleman Margins and Asymmetric Information: An Experiment with Potato Farmers in West Bengal." forthcoming, *Review of Economics and Statistics*.

*Jensen, Robert, and Nolan H. Miller. 2018. "Market Integration, Demand, and the Growth of Firms: Evidence from a Natural Experiment in India." *American Economic Review*, 108 (12): 3583-3625.

*Cole, Shawn and Nilesh Fernando. 2018. "Mobile'izing Agricultural Advice: Technology Adoption, Diffusion and Sustainability." Working paper.

*Thornton, Rebecca. 2008. "The Demand for, and Impact of, Learning HIV Status." *American Economic Review* 98:5, 1829–1863.

13. Household Structure and Bargaining

*Udry, Christopher. 1996. "Gender, Agricultural Production, and the Theory of the Household." *Journal of Political Economy* 104(5):1010–1046.

*Jensen, Robert and Nolan Miller. 2017. "Keepin' 'Em Down On The Farm: Migration and Strategic Investment In Children's Schooling." Working paper.

Mani, Anandi. (2019). "Mine, yours or ours: the efficiency of household investment decisions--an experimental approach." *World Bank Economic Review*, forthcoming.

Fernando, Nilesh. 2018. "Shackled to the Soil: Inherited Land, Cultural Norms and Labor Mobility." Working paper.

Tom Vogl. 2013. "Marriage institutions and sibling competition: Evidence from South Asia." *The Quarterly journal of economics*, 128 (3), 1017–1072

Duflo, Esther and Christopher Udry. 2004. "Intrahousehold Resource Allocation in Cote d'Ivoire: Social Norms, Separate Accounts and Consumption Choices." NBER Working Paper No. 10498.

Jonas Tunggoden. 2019. "When Parents Decide: Gender Differences in Competitiveness." Working paper.

14. Self-control and other behavioral biases

Readings TBD

15. Development Economics Job Market Papers (for referee report #3)

Carolina Arteaga, UCLA: [The Cost of Bad Parents: Evidence from the Effects of Parental Incarceration on Children's Education](#)

Thomas Ginn, Stanford: [Prison or Sanctuary? An Evaluation of Camps for Syrian Refugees](#)

Siddharth George, Harvard: [Like Father, Like Son? The Effect of Political Dynasties on Economic Development](#)

Jamie Hansen-Lewis, Brown: [Does Air Pollution Lower Productivity? Evidence from Manufacturing in India](#)

Sean Higgins, UC Berkeley: [Financial Technology Adoption](#)

Maulik Jagnani, Cornell: [Poor Sleep: Sunset Time and Human Capital Production](#)

Anne Karing, UC Berkeley: [Social Signaling and Childhood Immunization: A Field Experiment in Sierra Leone](#)

Gregory Lane, UC Berkeley: [Credit Lines as Insurance: Evidence from Bangladesh](#)

Stephanie Majerowicz, Harvard: [Can Teaching be Taught? Experimental Evidence from a Teacher Coaching Program in Peru](#)

Ravi Somani, UCL: [Public-Sector Wages, Education Choices and Productivity](#)

Andreas Stegmann, CEMFI: [The Effects of Across-Regime Interpersonal Contact on the Support for Authoritarian Regimes](#)

Gabriel Tourek, Harvard: [Targeting in Tax Behavior: Evidence from Rwandan Firms](#)

Roman Andres Zarate, MIT: [Social and Academic Peer Effects: Experimental Evidence from Selective High Schools in Peru](#)