

International Economics Development Economics

Academic year 2020-2021

Advanced Development Microeconomics: Other Topics

EI099 - Printemps - 3 ECTS

Monday 16h15 - 18h00

Course Description

The course will cover different topics in development economics (savings, poverty traps, nutrition, health and education) and in political economy (culture, norms and institutions).

> PROFESSOR

[Lore Vandewalle](#)

[Office hours](#)

> ASSISTANT

[Office hours](#)

Syllabus

Grading

The evaluation consists of the presentation of a paper from the reading list (40% of grade), a literature review or referee report (40% of grade) and participation in the class discussions (20% of grade).

The presentation lasts 30 minutes and covers the main points of the paper. The first presentation(s) will be organized in the third lecture, so preferences should be indicated by the second lecture at the latest.

The literature review covers a topic of choice and should be handed in at the end of the course. The review should be a concise (5-6 pages) discussion of the recent advances in a topic, identifying what has been learnt and what are the remaining challenges. This review can form the basis of the literature review of your MPT or one of your chapters. If you have also taken EI098 (Advanced Development Microeconomics: Market failures), you can replace the literature review by writing a referee report.

OUTLINE

Readings marked with an asterisk (*) are required and will be discussed in class. You will be expected to answer questions about these readings in class. You should also skim the recommended papers (indicated with **). Other readings are provided as references for students interested in a certain topic, but I highly recommend you to review the abstracts of a couple of those papers to have a better sense of how these fit into the related literature. Important, the papers covered may change throughout the semester. The final readings will be provided ten days before each lecture.

LECTURE 1 [APRIL 19]: SAVINGS

- Anagol, S., A. Etang and D. Karlan (2017), Continued Existence of Cows Disproves Central Tenets of Capitalism? *Economic Development and Cultural Change* 65(4): 538-618.
- Ananth, B., D. Karlan and S. Mullainathan (2007), Microentrepreneurs and Their Money: Three Anomalies. *Technical Report*.
- Anderson, S. and J.-M. Baland (2002), The Economics of ROSCAs and Intra-Household Resource Allocation. *Quarterly Journal of Economics* 117 (3): 963-995.
- Ashraf, N. (2009), Spousal Control and Intra-Household Decision Making: An Experimental Study in the Philippines. *American Economic Review* 99(4): 1245–77.
- (*) Ashraf, N., D. Karlan and W. Yin (2006), Tying Odysseus to the Mast: Evidence from a Commitment Savings Product in the Philippines. *Quarterly Journal of Economics* 121(2): 635-72.
- Ashraf, N., D. Karlan and W. Yin (2010), Female Empowerment: Further Evidence from a Commitment Savings Product in the Philippines. *World Development* 38(3): 333-344.
- Banerjee, A. and S. Mullainathan (2010), The Shape of Temptation: Implications for the Economic Lives of the Poor. *Working Paper*.
- Basu, K. (2011), Hyperbolic Discounting and the Sustainability of Rotational Savings Arrangements. *American Economic Journal: Microeconomics* 3(4): 143-171.
- Basu, K. (2014), Commitment Savings in Informal Banking Markets. *Journal of Development Economics* 107: 97-111.
- Batista, C. and P. Vicente (2020), Improving Access to Savings through Mobile Money: Experimental Evidence from African Smallholders Farmers.” *World Development* 129.
- Beck, T., A. Demirguc-Kunt, and M. Soledad Martinez Peria (2008), Banking Services for Everyone? Barriers to Bank Access and Use Around the World. *World Bank Economic Review* 22(3): 397-430.
- Besley, T., S. Coate and G. Loury (1993), The Economics of Rotating Savings and Credit Associations. *American Economic Review* 83(4): 792-810.

- Brune, L., X. Giné, J. Goldberg and D. Yang (2016), Facilitating Savings for Agriculture: Field Experimental Evidence from Malawi. *Economic Development and Cultural Change* 64(2): 187-220.
- Burgess, R. and R. Pande (2005), Do Rural Banks Matter? Evidence from the Indian Social Banking Experiment. *American Economic Review* 95(3): 780-795.
- Callen, M., S. de Mel, C. McIntosh and C. Woodruff (2019), What are the Headwaters of Formal Savings? Experimental Evidence from Sri Lanka. *Review of Economic Studies* 86(6): 2491-2529.
- Calomiris, C. and I. Rajaraman (1998), The Role of ROSCAs: Lumpy Durables or Event Insurance? *Journal of Development Economics* 56(1): 207-216.
- Casaburi, L. and R. Macchiavelo (2019), Demand and Supply of Infrequent Payments as a Commitment Device: Evidence from Kenya. *American Economic Review* 109(2): 523-555.
- Chin, A., L. Karkoviata and N. Wilcox (2015), Impact of Bank Accounts on Migrant Savings and Remittances: Evidence from a Field Experiment. *Working paper*.
- Cole, S. and T. Sampson and B. Zia (2011), Prices or Knowledge? What Drives Demand for Financial Services in Emerging Markets? *Journal of Finance* 66(6): 1933-1967.
- De Mel, S., C. McIntosh, K. Sheth and C. Woodruff (Forthcoming), Can Mobile-Linked Bank Accounts Bolster Savings? *Review of Economics and Statistics*.
- Demirguc-Kunt, A. and L. Klapper (2017), The Global Findex database 2017: Measuring Financial Inclusion and the Fintech Revolution. *World Bank*.
- Duflo, E., M. Kremer, and J. Robinson (2011), Nudging Farmers to Use Fertilizer: Theory and Experimental Evidence from Kenya. *American Economic Review* 101(6): 2350-2390.
- (**) Dupas, P. and J. Robinson (2013a), Why Don't the Poor Save More? Evidence from Health Savings Experiments. *American Economic Review* 103(4): 1138-1171.
- (*) Dupas, P. and J. Robinson (2013b), Savings Constraints and Microenterprise Development: Evidence from a Field Experiment in Kenya. *American Economic Journal: Applied Economics* 5(1): 163-192.
- (**) Dupas, P., D. Karlan, J. Robinson and D. Ubfal (2018), Banking the Unbanked: Evidence from Three Countries. *American Economic Journal: Applied Economics* 10(2): 257-297.
- Dupas, P., A. Keats and J. Robinson (2019), The Effect of Savings Accounts on Interpersonal Financial Relationships: Evidence from a Field Experiment in Rural Kenya, *Economic Journal* 129(617): 273-310.
- Fafchamps, M., D. McKenzie, S. Quinn, and C. Woodruff (2014), Microenterprise Growth and the Fly-paper Effect: Evidence from a Randomized Experiment in Ghana. *Journal of Development Economics* 106: 211-226.
- Gugerty, M. (2007), You Can't Save Alone: Commitment in Rotating Savings and Credit Associations in Kenya. *Economic Development and Cultural Change* 55: 251-282.

- Jack, W. and Tavneet S. (2014), Risk Sharing and Transactions Costs: Evidence from Kenya's Mobile Money Revolution. *American Economic Review* 104(1): 183-223.
- Jakiela, P. and O. Ozier (2016), Does Africa Need a Rotten Kin Theorem? Experimental Evidence from Village Economies. *Review of Economic Studies* 83(1): 231-268.
- Karlan, D., S. Mullainathan and B. Roth (2019), Debt Traps? Market Vendors and Moneylender Debt in India and the Philippines. *American Economic Review: Insights* 1(1): 27-42.
- Karlan, D., M. McConnell, S. Mullainathan and J. Zinman (2016), Getting to the Top of Mind: How Reminders Increase Saving. *Management Science* 62(12): 3393-3411.
- Klöpper, S. (2003), Rotating Savings and Credit Organizations When Participants Are Risk Averse. *International Economic Review* 44(3): 979-1006.
- MaCurdy, T. (1981), An Empirical Model of Labor Supply in a Life-Cycle Setting. *Journal of Political Economy* 89(6): 1059-1085.
- Prina, S. (2016), Banking the Poor via Savings Accounts: Evidence from a Field Experiment. *Journal of Development Economics* 115: 16-31.
- Schaner, S. (2015), Do Opposites Detract? Intrahousehold Preference Heterogeneity and Inefficient Strategic Savings. *American Economic Journal: Applied Economics* 105(2): 609-645.
- Schaner, S. (2017), The Cost of Convenience? Transaction Costs, Bargaining Power, and Savings Account use in Kenya. *Journal of Human Resources* 52(4): 919-945.
- Somville, V. and L. Vandewalle (2018), Saving by Default: Evidence from a Field Experiment in Rural India. *American Economic Journal: Applied Economics* 10(3): 39-66.
- Ubfal, D. (2016), How General Are Time Preferences? Eliciting Good-Specific Discount Rates. *Journal of Development Economics* 118:150-170.

LECTURE 2 [APRIL 26]: POVERTY TRAPS AND NUTRITION

POVERTY TRAPS

- Azariadis, C. and A. Drazen (1990), Threshold Externalities in Economic Development. *Quarterly Journal of Economics* 105: 501–526.
- Azariadis, C. and J. Stachurski (2005), Poverty Traps. In Volume 1 of *Handbook of Economic Growth*, Chapter 5. Editors Philippe Aghion and Steven Durlauf. Elsevier.
- (*) Balboni, C., O. Bandiera, R. Burgess, M. Ghatak and A. Heil (2020), Why Do People Stay Poor? *Working Paper*.
- Banerjee, A. and S. Mullainathan (2010), The Shape of Temptation: Implications for the Economic Lives of the Poor. *NBER Working Papers* 15973.
- Banerjee, A. and A. Newman (1993), Occupational Choice and the Process of Development. *Journal of Political Economy* 101: 274–298.

- Bardhan, P. (1997), Corruption and Development: A Review of the Issues. *Journal of Economic Literature* 35: 1320–1346.
- Dasgupta, P. (2003), World Poverty: Causes and Pathways. *Mimeo, University of Cambridge*.
- (**) Dasgupta, P. and D. Ray (1986), Inequality as a Determinant of Malnutrition and Unemployment: Theory.” *The Economic Journal* 96: 1011-1034.
- Durlauf, S. (2004), Neighborhood effects. In *Handbook of Urban and Regional Economics* (J.V. Henderson and J.F. Thisse, eds.).
- Fafchamps, M., D. McKenzie, S. Quinn, and C. Woodruff (2014), Microenterprise Growth and the Fly-paper Effect: Evidence from a Randomized Experiment in Ghana. *Journal of Development Economics* 106: 211-226.
- Galor, O. and J. Zeira (1993), Income Distribution and Macroeconomics. *Review of Economic Studies* 60: 35–52.
- Ghatak, M. (2015), Theories of Poverty Traps and Anti-Poverty Policies. *World Bank Economic Review* 29(1): S77-S105.
- Ghatak, M. and N. Nien-Huei Jiang (2002), A Simple Model of Inequality, Occupational Choice, and Development. *Journal of Development Economics* 69(1): 205-226.
- Hoff, K. and A. Sen (2004), The Kin System as a Poverty Trap, in *Poverty Traps*, (S. Bowles, S. Durlauf and K. Hoff, eds.).
- Jakiela, P. and O. Ozier (2016), Does Africa Need a Rotten Kin Theorem? Experimental Evidence from Village Economies. *Review of Economic Studies* 83(1): 231-268.
- Kray, A. and D. McKenzie (2014), Do Poverty Traps Exist? Assessing the Evidence. *Journal of Economic Perspectives* 28 (3): 127-148.
- (*) Matsuyama, K. (2008) Poverty Traps. *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008.
- Mookherjee, D. and D. Ray (2003), Persistent inequality. *Review of Economic Studies* 70: 369–393.
- Murphy, K., A. Shleifer and R. Vishny (1989), Industrialization and the big push. *Journal of Political Economy* 97: 1003–1026.
- Platteau, J.-P. (2000) *Institutions, Social Norms and Economic Development*. Amsterdam: Harwood Publishers.
- Romer, P. (1986), Increasing Returns and Long-Run growth. *Journal of Political Economy* 94(5): 1002-1037.
- Rosenstein-Rodan, P. (1943), The Problem of Industrialization of Eastern and South-Eastern Europe. *Economic Journal* 53: 202–211.

NUTRITION

- (**) Almas, I., J. Haushofer and J. Shapiro (2019), The Income Elasticity for Nutrition: Evidence from Unconditional Cash Transfers in Kenya. *NBER Working Paper 25711*.
- (*) Behrman, J. and A. Deolalikar (1987), Will Developing Country Nutrition Improve with Income? A Case Study for Rural South India. *Journal of Political Economy* 95: 108-138.
- Bliss, C. and N. Stern (1978), Productivity, Wages and Nutrition, Part I: The Theory. *Journal of Development Economics* 5: 331-362.
- (**) Dasgupta, P. and D. Ray (1986), Inequality as a Determinant of Malnutrition and Unemployment: Theory." *The Economic Journal* 96: 1011-1034.
- (*) Deaton, A. and J. Drèze (2009), Food and Nutrition in India: Facts and Interpretations. *Economic and Political Weekly* 44, 42-65.
- (*) Haushofer, J. and J. Shapiro (2016), The Short-Term Impact of Unconditional Cash Transfers to the Poor: Experimental Evidence from Kenya. *Quarterly Journal of Economics* 131(4): 1973-2042.
- (**) Jensen, R. and N. Miller (2011), Do Consumer Price Subsidies Really Improve Nutrition? *Review of Economics and Statistics* 93(4): 1205-1223.
- (*) Jensen, R. and N. Miller (2012), A Revealed Preference Approach to Measuring Hunger and Undernutrition. *Mimeo, UCLA*.
- Mirrlees, J. (1975), A Pure Theory of Underdeveloped Economies. In *Agriculture in Development Theory* (ed. L. Reynolds). New Haven, Connecticut: Yale University Press.
- Stiglitz, J. (1976), The Efficiency Wage Hypothesis, Surplus Labour and the Distribution of Income in LDC's. *Oxford Economic Papers* 28: 185-207.
- (*) Strauss, J. (1986), Does Better Nutrition Raise Farm Productivity? *Journal of Political Economy* 94: 297-320.
- (**) Subramanian, S. and A. Deaton (1996), The Demand for Food and Calories. *Journal of Political Economy* 104: 133-162.
- *Thomas, D., E. Frankenberg, J. Friedman, J.-P. Habicht, M. Hakimi, N. Ingwersen, Jaswadi, N. Jones, C. McKelvey, G. Pelto, B. Sikoki, T. Seeman, J. Smith, C. Sumantri, W. Suriastini and S. Wilopo (2006), Causal Effect of Health on Labor Market Outcomes: Experimental Evidence. *Mimeo, UCLA*.

LECTURE 3 [MAY 3]: HEALTH

- (*) Ashraf, N., J. Berry and J. Shapiro (2010), Can Higher Prices Stimulate Product Use? Evidence from a Field Experiment in Zambia. *American Economic Review* 100(5): 2383–2413.
- Ashraf, N., E. Field, and J. Lee (2014), Household Bargaining and Excess Fertility: An Experimental Study in Zambia. *American Economic Review* 104 (7): 2210-2237.
- (*) Banerjee, A., A. Deaton and E. Duflo (2004), Wealth, Health and Health Services in Rural Rajasthan. *American Economic Review* 94(2): 326-330.

- Banerjee, A., E. Duflo and R. Glennerster (2008), Putting a Band-Aid on a Corpse: Incentives for Nurses in the Indian Public Health Care System. *Journal of the European Economic Association* 6 (2-3): 487-500.
- Banerjee, A., E. Duflo, R. Glennerster, and D. Kothari (2010), Improving Immunization Coverage in Rural India: A Clustered Randomized Controlled Evaluation of Immunization Campaigns with and without Incentives. *British Medical Journal* 340: 2220.
- Berry, J., G. Fischer and R. Guiteras (2020), Eliciting and Utilizing Willingness to Pay: Evidence from Field Trials in Northern Ghana. *Journal of Political Economy* 128(4): 1436-1473.
- Bjorkman, M., D. de Walque and J. Svensson (2017), Experimental Evidence of the Long-Run Impact of Community Based Monitoring. *American Economic Journal: Applied Economics* 9(1): 33-69.
- Bjorkman, M. and J. Svensson (2009), Power to the People: Evidence from a Randomized Experiment on Community-Based Monitoring in Uganda. *Quarterly Journal of Economics* 124(2): 735-769.
- Bleakley, H. (2009), Economic Effects of Childhood Exposure to Tropical Disease. *American Economic Review*, 99(2): 218-23.
- (*) Cohen, J. and P. Dupas (2010), Free Distribution or Cost-Sharing? Evidence from a randomized malaria experiment. *Quarterly Journal of Economics* 125(1): 1-45.
- Cole, S., N. Fernando, D. Stein and J. Tobacman (2020), Field Comparisons of Incentive-Compatible Preference Elicitation Techniques. *Journal of Economic Behavior and Organization* 17(2): 33-56.
- Cutler, D., A. Deaton and A. Lleras-Muney (2006), The Determinants of Mortality. *Journal of Economic Perspectives* 20(3): 97-120.
- Cutler, D. and G. Miller (2005), The Role of Public Health Improvements in Health Advances: The Twentieth-Century United States. *Demography* 42(1): 1–22.
- Devoto, F., E. Duflo, P. Dupas, W. Pariente and V. Pons (2012), Happiness on Tap: Piped Water Adoption in Urban Morocco. *American Economic Journal: Economic Policy* 4(4): 68-99.
- Dupas, P. (2009), What Matters (and What Does Not) in Households' Decision to Invest in Malaria Prevention? *American Economic Review* 99(2): 224-230.
- (**) Dupas, P. (2011), Health Behavior in Developing Countries. *Annual Review of Economics* 3: 425-449.
- (*) Dupas, P. (2014), Short-Run Subsidies and Long-Run Adoption of New Health Products: Evidence from a Field Experiment. *Econometrica* 82(1): 197-228.
- (*) Dupas, P. and E. Miguel (2017), Impacts and Determinants of Health Levels in Low-Income Countries. *Handbook of Field Experiments* Vol. 2: 3-94. North Holland, Eds. A. Banerjee and E. Duflo.

- Fisher, G., D. Karlan, M. McConnell and P. Raffler (2019), Short-term Subsidies and Seller Type: A Health Products Experiment in Uganda. *Journal of Development Economics* 137C: 110-124.
- Gallup, J., and J. Sachs (2001), The Economic Burden of Malaria. Supplement to *The American Journal of Tropical Medicine & Hygiene* LXIV: 85–96.
- Giné, X., D. Karlan and J. Zinman (2010), Put Your Money Where Your Butt Is: A Commitment Savings Account for Smoking Cessation. *American Economic Journal: Applied Economics* 2(4): 213-35.
- Guiteras, R., D. Levine, T. Polley and B. Quirstoff (2015), Credit Constraints, Discounting and Investment in Health: Evidence from Micropayments for Clean Water in Dhaka. *Working Paper*.
- Kremer, M. and A. Holla (2008), Pricing and Access: Lessons from Randomized Evaluations in Education and Health, in W. Easterly and J. Cohen (eds.), *What Works in Development: Thinking Big and Thinking Small* (Washington D.C.: Brookings Institution Press, 2009).
- Kremer, M. and E. Miguel (2007), The Illusion of Sustainability. *Quarterly Journal of Economics* 122 (3): 1007-1065.
- Miguel, E. and M. Kremer (2004), Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities. *Econometrica* 72(1): 159-217.
- (*) Oster, E., I. Shoulson and R. Dorsey (2013), Optimal Expectations and Limited Medical Testing: Evidence from Huntington Disease. *American Economic Review* 103(2): 804-830.
- Schilibach, F. (2019), Alcohol and Self-Control: A Field Experiment in India. *American Economic Review* 109(4): 1290-1322.
- (*) Tarozzi, A., A. Mahajan, B. Blackburn, D. Kopf, L. Krishnan, and J. Yoong (2014), Micro-loans, Insecticide-Treated Bednets and Malaria: Evidence from a randomized controlled trial in Orissa (India). *American Economic Review* 104(7): 1909-1941.
- Thornton, R. (2008), The Demand for, and Impact of, Learning HIV Status. *American Economic Review* 98(5): 1829–63.
- Thornton, R., L. Hatt, E. Field, M. Islam, F. Solís Diaz and M. Azucena González (2010), Social Security Health Insurance for the Informal Sector in Nicaragua: A Randomized Evaluation. *Health Economics* 19 (S1): 181–206.

LECTURE 4 [MAY 10]: EDUCATION

- Acemoglu, D. and J. Angrist (2000), How Large are the Social Returns to Education? Evidence from Compulsory Schooling Laws. In *National Bureau of Economics Macroeconomics Annual 2000*, ed. Ben Bernanke and Kenneth Rogoff, pp. 9-58.
- Akresh, R. (2009), Flexibility of Household Structure: Child Fostering Decisions in Burkina Faso. *Journal of Human Resources* 44(4): 976-997.

- Angrist, J., E. Bettinger and M. Kremer (2006), Long-Term Educational Consequences of Secondary School Vouchers: Evidence from Administrative Records in Colombia. *American Economic Review* 96(3): 847-862.
- Angrist, J. and A. Krueger (1991), Does Compulsory School Attendance Affect Schooling and Earnings? *Quarterly Journal of Economics* 106: 979-1014.
- Angrist, J. and V. Lavy (1999), Using Maimonides' Rule to Estimate the Effect of Class Size on Scholastic Achievement. *Quarterly Journal of Economics* 114: 533-575.
- (*) Avvisati, F., M. Gurgand, N. Guyon and E. Maurin (2014), Getting Parents Involved: A Field Experiment in Deprived Schools. *Review of Economic Studies* 81(1): 57-83.
- Baird, S., C. McIntosh, B. Ozler (2011), Cash or Condition? Evidence from a Cash Transfer Experiment." *Quarterly Journal of Economics* 26 (4): 1709–1753.
- Baird, S., J. Hicks, M. Kremer, and E. Miguel (2016), Worms at Work: Long-Run Impacts of a Child Health investment. *Quarterly Journal of Economics* 131 (4): 1637-1680.
- Bando, R., E. Naslund-Hadley and P. Gertler (2019), Effect of Inquiry and Problem Based Pedagogy on Learning: Evidence from 10 Field Experiments in Four Countries. *NBER Working Paper* 26280.
- Banerjee, A., R. Banerji, E. Duflo, R. Glennerster and S. Khemani (2010), Pitfalls of Participatory Programs: Evidence from a Randomized Evaluation in Education in India. *American Economic Journal: Economic Policy* 2(1): 1-30.
- Banerjee, A., S. Cole, E. Duflo and L. Linden (2007), Remedying Education: Evidence from Two Randomized Experiments in India. *Quarterly Journal of Economics* 122(3): 1235-1264.
- Barrera-Osorio, F., M. Bertrand, L. Linden and F. Perez-Calle (2011), Improving the Design of Conditional Transfer Programs: Evidence from a Randomized Education Experiment in Colombia. *American Economic Journal: Applied Economics* 3(2): 167-95.
- Benhassine, N., F. Devoto, E. Duflo, P. Dupas and V. Pouliquen (2015), Turning a Shove into a Nudge? A "Labeled Cash Transfer" for Education. *American Economic Journal: Economic Policy* 7(3): 86-125.
- Berry, J. (2015), Child Control in Education Decisions: An Evaluation of Targeted Incentives to Learn in India. *Journal of Human Resources* 50(4): 1051-1080.
- Beuermann, D., J. Cristia, S. Cueto, O. Malamud and Y. Cruz-Aguayo (2015), One Laptop per Child at Home: Short-Term Impacts from a Randomized Experiment in Peru. *American Economic Journal: Applied Economics* 7(2): 53-80.
- Blimpo, M. (2014), Team Incentives for Education in Developing Countries: A Randomized Field Experiment in Benin. *American Economic Journal: Applied Economics* 6(4): 90–109.
- Bobba, M. and V. Frisancho (2019), Perceived Ability and School Choices. *Working Paper*.
- Bobonis, G., E. Miguel and C. Puri-Sharma (2006), Anemia and School Participation, *Journal of Human Resources* 50: 910-958.

- Bursztyn, L. and L. Coffman (2012), The Schooling Decision: Family Preferences, Intergenerational Conflict, and Moral Hazard in the Brazilian Favelas. *Journal of Political Economy* 120(3): 359-397.
- (*) Das, J., S. Dercon, J. Habyarimana, P. Krishnan, K. Muralidharan, and V. Sundararaman (2013), School Inputs, Household Substitution, and Test Scores. *American Economic Journal: Applied Economics* 5(2): 29–57.
- Dizon-Ross, R. (2019), Parents' Beliefs about their Children's Academic Ability: Implications for Educational Investments. *American Economic Review* 109(8): 2728-2765.
- (**) Duflo, E. (2001), Schooling and Labor Market Consequences of School Construction in Indonesia: Evidence from an Unusual Policy Experiment. *American Economic Review* 91(4): 795-813.
- (*) Duflo, E., P. Dupas and M. Kremer (2011), Peer Effects, Teacher Incentives, and the Impact of Tracking: Evidence from a Randomized Evaluation in Kenya. *American Economic Review* 101(5): 1739-1774.
- Duflo, E., P. Dupas and M. Kremer (2015a), Education, HIV, and Early Fertility: Experimental Evidence from Kenya. *American Economic Review* 105(9): 2257-2297.
- Duflo, E., P. Dupas and M. Kremer (2015b), School Governance, Teacher Incentives and Pupil-Teacher Ratios: Experimental Evidence from Kenyan Primary Schools. *Journal of Public Economics* 123: 92-110.
- (**) Duflo, E., R. Hanna, and S. Ryan (2012), Incentives Work: Getting Teachers to Come to School. *American Economic Review* 102(4): 1241-1278.
- (*) Foster, A. and M. Rosenzweig (1996), Technical Change and Human-Capital Returns and Investments: Evidence from the Green Revolution. *American Economic Review* 86(4): 931-953.
- Glewwe, P. N. Ilias and M. Kremer (2010), Teachers Incentives. *American Economic Journal: Applied Economics* 2(3): 205-227.
- (**) Glewwe, P. and K. Muralidharan (2016a), Improving Education Outcomes in Developing Countries: Evidence, Knowledge Gaps, and Policy Implications. *Handbook of the Economics of Education* 5: 653-743.
- Glewwe, P., A. Park and M. Zhao (2016b), A Better Vision for Development: Eyeglasses and Academic Performance in Rural Primary Schools in China. *Journal of Development Economics* 122: 170-182.
- Hoff, K. and P. Pandey (2006), Discrimination, Social Identity, and Durable Inequalities. *American Economic Review* 96(2): 206-211.
- Jensen, R. (2010), The (Perceived) Returns to Education and the Demand for Schooling. *Quarterly Journal of Economics* 125(2): 515-548.
- (**) Jensen, R. (2012), Do Labor Market Opportunities Affect Young Women's Work and Family Decisions? Experimental Evidence from India. *Quarterly Journal of Economics* 127(2): 753-792.

- Kremer, M., E. Miguel and R. Thornton (2009), Incentives to Learn. *Review of Economics and Statistics* 91(3): 437-456.
- Lucas, R. (1988), On the Mechanics of Economic Development. *Journal of Monetary Economics* 22: 3-42.
- Majerowicz, S. and R. Montero (2018), Can Teaching be Taught? Experimental Evidence from a Teacher Coaching Program in Peru. *Working Paper*.
- (*) Muralidharan, K. (2017), Field Experiments in Education in Developing Countries. *Handbook of Economic Field Experiments* Vol 2, Chapter 3. North Holland, Eds. A. Banerjee and E. Duflo.
- Muralidharan, K. and N. Prakash (2017), Cycling to School: Increasing Secondary School Enrollment for Girls in India. *American Economic Journal: Applied Economics* 9(3): 321-350.
- Muralidharan, K. and V. Sundararaman (2011), Teacher Performance Pay: Experimental Evidence from India. *Journal of Political Economy* 119(1): 39-77.
- Navarro-Sola, L. (2019), Secondary School Expansion through Televised Lessons: The Labor Market Returns of the Mexican Telesecundaria. *Working Paper*.
- Nguyen, T. (2008), Information, Role Models and Perceived Returns to Education: Experimental Evidence from Madagascar. *Working Paper*.
- Oreopoulos, P. (2006), Estimating Average and Local Average Treatment Effects of Education when Compulsory Schooling Laws Really Matter. *American Economic Review* 96: 152-175.
- Psacharopoulos, G. (1994), Returns to Investment in Education: A Global Update. *World Development* 22(9): 1325-1343.
- Urquiola, M. and E. Verhoogen (2009), Class-Size Caps, Sorting, and the Regression-Discontinuity Design. *American Economic Review* 99(1): 179-215.

LECTURE 5 AND 6 [MAY 17 AND 31]: CULTURE, NORMS AND INSTITUTIONS I

- Acemoglu, D. and M. Jackson (2015), History, Expectations, and Leadership in the Evolution of Social Norms. *Review of Economic Studies* 82: 423-456.
- Acemoglu, D. and M. Jackson (2017), Social Norms and the Enforcement of Laws. *Journal of the European Economic Association* 15(2): 245-295.
- Acemoglu, D., U. Akcigit and M. Celik (2014), Young, Restless and Creative: Openness to Disruption and Creative Innovations. *NBER Working Paper 19894*.
- Acemoglu, D., T. Reed and J. Robinson (2014), Chiefs: Economic Development and Elite Control of Civil Society in Sierra Leone. *Journal of Political Economy* 122(2): 319-368.
- Benabou, R. and J. Tirole (2011), Laws and Norms. *NBER Working Paper 17579*.
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LECTURE 7 [TO BE DECIDED]: REMAINING PRESENTATIONS