

International Economics

Academic year 2024-2025

Development Economics

EI042 - Autumn - 6 ECTS

Monday 12h15 - 14h00

Course Description

The course covers major issues in development economics from both the macro and micro perspectives. Topics where research is active will be covered. The focus is on acquiring the necessary theoretical and empirical skills to understand the challenges related to social and economic transformation in low-income and middle-income countries.

> PROFESSOR

[Martina Viarengo](#)

[Office hours](#)

> ASSISTANT

[Office hours](#)

IMPORTANT

Regular attendance is compulsory, and any absence must be promptly communicated to the teacher. In the event of missing more than two sessions, students are expected to provide well-documented justifications for unforeseeable circumstances (e.g. illness, accident, death of a relative), directly to the Direction of Studies. Failure to justify absences beyond two sessions will result in the assignment of code N.

Students are also reminded of the following legal rules:

The teacher owns the **copyright** on the material they created for this course. As such, any reproduction or distribution of this document, in whole or in part, as well as of any other material created by the teacher for the course, is prohibited unless permission is granted by the author.

Recording (as video or audio) a course without the consent of the teacher and other participants is strictly forbidden.

Syllabus

Material for the Course

Readings, lecture slides and material for the course are available on Moodle.

Grading

The course grade will be based on a) class participation (15%), b) a presentation (25%) c) a final examination (60%). The exam will take place on Monday, December 16. Students are responsible for all the material covered in class.

The reading list below may be updated: see Moodle for the more recent version

OUTLINE

Lecture 1. Introduction: Economic Development, Poverty and Inequality (September 23)

- **Required Readings:**

- Sen, Amartya K. (1988), "The Concept of Development," in Handbook of Development Economics, Chenery H.B. and T. N. Srinivasan (eds.) vol. 1, Amsterdam, The Netherlands: North Holland, Ch. 1.
- Ravallion, Martin (2022), "On the Origins of the Idea of Ending Poverty," Chapter 1 in Gutmann, Martin, and Daniel Gorman (eds.), "Before the UN Sustainable Development Goals: A Historical Companion," Oxford, UK: Oxford University Press [NBER Working Paper No. 27808].

- **Optional Readings:**

- Bouguen, Adrien, Yue Huang, Michael Kremer, and Edward Miguel (2019), "Using RCT's to Estimate Long-Run Impacts in Development Economics," *Annual Review of Economics*, 11: 523-561.
- Young, Alwyn (2019), "Channeling Fisher: Randomization Tests and the Statistical Insignificance of Seemingly Significant Experimental Results," *Quarterly Journal of Economics*, 134(2): 557-598.
- Kremer, Michael (2020), "Experimentation, Innovation, and Economics," *American Economic Review*, 110(7): 1974-1994.
- Duflo, Esther (2020), "Field Experiments and the Practice of Policy," *American Economic Review*, 110(7): 1952-1973.

Development Economics - MICRO

Make sure you know how to (i) optimize, (ii) apply the Envelope Theorem, (iii) perform an implicit differentiation, (iv) apply the Fundamental Theorem of Risk, and know (v) what an identification strategy is. Useful references for this part of the course include:

Atkinson, Anthony B. (2019), *Measuring Poverty around the World*, Princeton, NJ: Princeton University Press.

Rodrik D. and M.R. Rosenzweig (2010), (editors), *Handbook of Development Economics V*, North-Holland, Amsterdam.

Schultz T. and J. Strauss (2008), (editors), *Handbook of Development Economics IV*, North-Holland, Amsterdam.

Bardhan P. and C. Udry (1999), *Development Microeconomics*, Oxford: Oxford University Press.

Bardhan P. and C. Udry (2000), *Readings in Development Economics*, Volume 1: Micro-Theory; Volume 2: Empirical Microeconomics, Cambridge: MIT Press.

Ray D. (1998), *Development Economics*, Princeton NJ: Princeton University Press.

Basu K. (1997), *Analytical Development Economics*, Cambridge: MIT Press.

Deaton A. (1997), *The Analysis of Household Surveys: A Microeconometric Approach to Development Policy*, Baltimore: Johns Hopkins University Press.

Lecture 2. Intra-household Issues (September 30)

- **Required Readings**

- Udry, Christopher (1996), "Gender, Agricultural Production, and the Theory of the Household," *Journal of Political Economy*, 104: 1010-1046.
- Ashraf, Nava, Erica Field and Jean Lee (2014), "Household Bargaining and Excess Fertility: An Experimental Study in Zambia," *American Economic Review*, 104(7): 2210-2237.

- **Optional Readings**

- Thomas, Duncan (1990), "Intra-Household Resource Allocation: An Inferential Approach," *Journal of Human Resources*, 25: 635-664.
- Bardhan, Pranab K. and Christopher Udry (1999), "Development Microeconomics," Oxford University Press, Oxford, UK, Chapter 2.
- Ashraf, Nava (2009), "Spousal Control and Intra-Household Decision Making: An Experimental Study in the Philippines," *American Economic Review* 99(4): 1245-1277.
- Alesina, Alberto, Paola Giuliano and Nathan Nunn (2013), "On the Origin of Gender Roles: Women and the Plough," *Quarterly Journal of Economics* 128(2): 469-530.
- Browning, Martin, Pierre-André Chiappori, and Yoram Weiss (2014), "Economics of the Family," New York: Cambridge University Press.
- Majlesi, Kaveh (2016), "Labor Market Opportunities and Women's Decision Making Power within Households," *Journal of Development Economics*, 119: 34-47.
- Doepke, Matthias, and Fabian Kindermann (2019), "Bargaining over Babies: Theory, Evidence, and Policy Implications," *American Economic Review*, 109(9): 3264-3306.
- Alon, Titan, Matthias Doepke, Jane Olmstead-Rumsey, Michèle Tertilt (2020), "The Impact of COVID-19 on Gender Equality," NBER Working Paper No. 26947.
- Jones, Maria, Florence Kondylis, John Loeser, and Jeremy Magruder (2022), "Factor Market Failures and the Adoption of Irrigation in Rwanda," *American Economic Review*, 112 (7): 2316-2352.

Lecture 3. Health (October 7)

- **Required Readings**

- Miller, Grant and B. Piedad Urdinola (2010), "Cyclicalities, Mortality, and the Value of Time: The Case of Coffee Price Fluctuations and Child Survival in Colombia," *Journal of Political Economy*, 118(1): 113-155.
- Banerjee, Abhijit, Amy Finkelstein, Rema Hanna, Benjamin A. Olken, Arianna Ornaghi, and Sudarno Sumarto (2021), "The Challenges of Universal Health Insurance in Developing Countries: Experimental Evidence from Indonesia's National Health Insurance," *American Economic Review*, 111(9): 3035-3063.

- **Optional Readings**

- Thomas Duncan and John Strauss (1997), “Health and Wages: Evidence on Men and Women in Urban Brazil,” *Journal of Econometrics*, 77: 159-185.
- Miguel, Edward, and Michael Kremer (2004), “Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities,” *Econometrica*, 72(1): 159-217.
- Thornton, Rebecca L. (2008), “The Demand for, and Impact of, Learning HIV Status,” *American Economic Review*, 98(5): 1829-1863.
- Cockburn, Iain M., Jean O. Lanjouw and Mark Schankerman (2016), “Patents and the Global Diffusion of New Drugs,” *American Economic Review*, 106(1): 136-164.
- Dupas, Pascaline (2014), “Short-Run Subsidies and Long-Run Adoption of New Health Products: Evidence from a Field Experiment,” *Econometrica*, 82(1): 197-228.
- Das, Jishnu, Alaka Holla, Aakash Mohpal, and Karthik Muralidharan (2016), “Quality and Accountability in Health Care Delivery: Audit-study Evidence from Primary Care in India,” *American Economic Review*, 106(12): 3765-3799.
- Alon, Titan, Minki Kim, David Lagakos and Mitchell VanVuren (2020), “How Should Policy Responses to the COVID-19 Pandemic Differ in the Developing World?” NBER Working Paper No. 27273.
- Christensen, Darin, O., Haushofer, J., Siddiqi, B., and Voors, M. (2021), “Building Resilient Health Systems: Experimental Evidence from Sierra Leone and the 2014 Ebola Outbreak,” *Quarterly Journal of Economics*, 136(2): 1145-1198.

Lecture 4. Education (October 14)

- **Required Readings**

- 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.
- Akresh, Richard, Halim, Daniel, Kleemans, Marieke (2022), “Long-Term and Intergenerational Effects of Education: Evidence from School Construction in Indonesia,” *Economic Journal*, 133(650): 582-612.
- Benhassine, Najy, Florencia Devoto, Esther Duflo, Pascaline Dupas, and Victor Pouliquen (2015), “Turning a Shove into a Nudge? A “Labeled Cash Transfer” for Education,” *American Economic Journal: Economic Policy*, 7(3): 86-125.

- **Optional Readings**

- Card, David (2001), “Estimating the Return to Schooling: Progress on some Persistent Econometric Problems,” *Econometrica*, 69(5): 1127-1160.
- Pritchett, Lant (2006), “Does Learning to Add up Add up: The Returns to Schooling in Aggregate Data,” *Handbook of the Economics of Education*.
- Hanushek, Eric A., and Ludger Woessmann, (2008), “The Role of Cognitive Skills in Economic Development,” *Journal of Economic Literature* 46(3): 607-668.
- Pritchett, Lant and Martina Viarengo (2015), “The State, Socialization and Private Schooling: When Will Governments Support Alternative Producers?” *Journal of Development Studies*, (lead article), 51(7): 784-807.
- Lavy, Victor (2015), “Do Differences in Schools’ Instruction Time Explain International Achievement Gaps? Evidence from Developed and Developing Countries,” *Economic Journal* 125(588): F397-F424.
- Gibbons Steve, Sandra McNally and Martina Viarengo (2018), “Does Additional Spending Help Urban Schools? An Evaluation Using Boundary Discontinuities,” *Journal of the European Economic Association*, 16(5-1): 1618-1668.
- Patrinos, Harry Anthony, and George Psacharopoulos (2020), “Returns to Education in Developing Countries,” *The Economics of Education*. Academic Press, 53-64.

- Chatterjee, Chirantan, Eric A. Hanushek and Shreekanth Mahendiran (2020), “Can Greater Access to Education Be Inequitable? New Evidence from India’s Right to Education Act,” NBER Working Paper No. 27377.
- Glewwe, Paul, Sylvie Lambert, and Qihui Chen (2020), “Education Production Functions: Updated Evidence from Developing Countries,” *The Economics of Education*. Academic Press, 183-215.
- Romero, Mauricio, Justin Sandefur, and Wayne Aaron Sandholtz (2020), “Outsourcing Education: Experimental Evidence from Liberia,” *American Economic Review*, 110 (2): 364-400.
- Hanushek, Eric A., Lavinia Kinne, Philipp Lergetporer and Ludger Woessmann (2022) “Patience, Risk-Taking, and Human Capital Investment across Countries,” *Economic Journal*, 132(646): 2290–2230.

Lecture 5. Labor Markets and Tenancy Contracts (October 21)

• Required Readings

- Alfonsi, Livia, Oriana Bandiera, Vittorio Bassi, Robin Burgess, Munshi Sulaiman, Imran Rasul and Anna Vitali (2020), “Tackling Youth Unemployment: Evidence from a Labor Market Experiment in Uganda,” *Econometrica*, 88(6): 2369-2414.
- Radwan Ali Shaban (1987), “Testing between Competing Theories of Sharecropping,” *Journal of Political Economy*, 95: 893-920.

• Optional Readings

- Eswaran M. and A. Kotwal (1985), “A Theory of Contractual Relations in Agriculture,” *American Economic Review*, 75: 352-367.
- Andrew Foster and Mark Rosenzweig (1994), “A Test for Moral Hazard in the Labor Market: Contractual Arrangements, Effort and Health,” *Review of Economics and Statistics*, 76: 213-227.
- Behrman, Jere (1999), “Labor Markets in Developing Countries,” in O. Ashenfelter and D. Card. (eds), *Handbook of Labor Economics*, Vol. 3.
- Goldstein, Mark and Christopher Udry (2008), “The Profits of Power: Land Rights and Agricultural Investment in Ghana,” *Journal of Political Economy*, 116(6): 981-1022.
- Hornbeck, Richard (2010), “Barbed Wire: Property Rights and Agricultural Development,” *Quarterly Journal of Economics*, 125(2): 767-810.
- Bardhan, Pranab, and Dilip Mookherjee (2011), “Subsidized Farm Input Programs and Agricultural Performance: A Farm-Level Analysis of West Bengal’s Green Revolution, 1982-1995,” *American Economic Journal: Applied Economics*, 3(4): 186-214.
- Markevich, Andrei, and Ekaterina Zhuravskaya (2018), “The Economic Effects of the Abolition of Serfdom: Evidence from the Russian Empire,” *American Economic Review*, 108 (4-5): 1074-1117.
- Burchardi, Konrad B., Selim Gulesci, Benedetta Lerva, and Munshi Sulaiman (2019), “Moral hazard: Experimental Evidence from Tenancy Contracts,” *Quarterly Journal of Economics*, 134(1): 281-347.
- Balke, Neele, and Thibaut Lamadon (2022) “Productivity Shocks, Long-Term Contracts, and Earnings Dynamics,” *American Economic Review*, 112(7): 2139-2177.
- Chetty, Raj, John N. Friedman, Nathaniel Hendren, and Michael Stepner (2024), “How Did COVID-19 and Stabilization Policies Affect Spending and Employment? A New Real-Time Economic Tracker Based on Private Sector Data,” *Quarterly Journal of Economics*, 139(2): 829-889.

Lecture 6. Migration (October 28)

• Required Readings

- Harris J. R. and M. P. Todaro (1970), “Migration, Unemployment and Development,” *American Economic Review*, 60(1): 126-142.

- Beine, Michel, Frédéric Docquier and Hillel Rapoport (2008), “Brain Drain and Human Capital Formation in Developing Countries: Winners and Losers,” *Economic Journal*, 118(528): 631-652.
- Fogged, Mette, Linea Hasegar and Giovanni Peri (2024), “Comparing the Effects of Policies for the Labor Market Integration of Refugees,” *Journal of Labor Economics*, 42(S1): S335-S377.
- **Optional Readings**
 - Munshi Kaivan (2003), “Networks in the Modern Economy: Mexican Migrants in the U.S. Labor Market,” *Quarterly Journal of Economics* 118: 549-597.
 - Albert Bollard, David McKenzie, Melanie Morten and Hillel Rapoport (2011), “Remittances and the Brain Drain Revisited: the Microdata show that More Educated Migrants Remit More,” *World Bank Economic Review*, 25(1): 132-156.
 - McKenzie, David, John Gibson and Steven Stillman (2013), “A Land of Milk and Honey with Streets Paved with Gold: Do Emigrants have Over-Optimistic Expectations about Incomes Abroad?” *Journal of Development Economics* 102: 116-127.
 - Bryan, Gharad, Shyamal Chowdhury, and Ahmed Mushfiq Mobarak (2014), “Underinvestment in a Profitable Technology: The Case of Seasonal Migration in Bangladesh,” *Econometrica*, 82: 1671-1748.
 - 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.
 - Tumen, Semih (2016), “The Economic Impact of Syrian Refugees on Host Countries: Quasi-experimental Evidence from Turkey,” *American Economic Review*, 106(5): 456-460.
 - Morten, Melanie (2019), “Temporary Migration and Endogenous Risk Sharing in Village India,” *Journal of Political Economy*, 127(1): 1-46.
 - Becker, Sascha O., Irena Grosfeld, Pauline Grosjean, Nico Voigtländer, and Ekaterina Zhuravskaya (2020), “Forced Migration and Human Capital: Evidence from Post-WWII Population Transfers,” *American Economic Review*, 110(5): 1430-1463.
 - Derenoncourt, Ellora (2022), “Can You Move to Opportunity? Evidence from the Great Migration,” *American Economic Review*, 112 (2): 369-408.
 - Lee Taehoon, Giovanni Peri and Martina Viarengo (2022), “The Gender Aspect of Immigrants’ Assimilation in Europe,” *Labour Economics*, 76: 102180.
 - Adda, Jérôme, Christian Dustmann and Joseph-Simon Görlach (2023), “The Dynamics of Return Migration, Human Capital Accumulation, and Wage Assimilation,” *Review of Economic Studies*, 89(6): 2841–2871.
 - Foged, Mette, Linea Hasager, Giovanni Peri, Jacob N. Arendt and Iben Bolvig (2023), “Intergenerational Spillover Effects of Language Training for Refugees,” *forthcoming in the Journal of Public Economics*, 220: 104840.

Lecture 7. Credit, Risk and Microfinance (November 4)

- **Required Readings**
 - Angelucci, Manuela, Dean Karlan and J. Zinman (2015), “Microcredit Impacts: Evidence from a Randomized Microcredit Program Placement Experiment by Compartamos Banco”, *American Economic Journal: Applied Economics*, 7(1): 151-82.
 - Robert Townsend (1994), “Risk and Insurance in Village India,” *Econometrica*, 62: 539-591.
- **Optional Readings**
 - Stiglitz Joseph E., and Andrew Weiss (1981), “Credit Rationing in Markets with Imperfect Information,” *American Economic Review*, 71(3): 393-410.
 - Banerjee Abihijit and Kaivan Munshi (2004), “How Efficiently is Capital Allocated? Evidence from the Knitted Garment Industry in Tirupur,” *Review of Economic Studies*, 71: 19-42.
 - Karlan, Dean and Jonathan Zinman (2008), “Credit Elasticities in Less Developed Countries: Implications for Microfinance,” *American Economic Review*, 98(3): 1040-1069.

- Field, Erica, Seema Jayachandran and Rohini Pande. (2010), “Do Traditional Institutions Constrain Female Entrepreneurship? A Field Experiment on Business Training in India,” *American Economic Review: Papers and Proceedings*, 100(2): 125-129.
- Banerjee, Abhijit, Esther Duflo, Rachel Glennerster, and Cynthia Kinnan (2015), “The Miracle of Microfinance? Evidence from a Randomized Evaluation,” *American Economic Journal: Applied Economics*, 7(1): 22-53.
- Bandiera, Oriana, Robin Burgess, Narayan Das, Selim Gulesci, Imran Rasul (2017), “Labor Markets and Poverty in Village Economies,” *Quarterly Journal of Economics*, 132(2): 811–870.
- Cull, Robert, and Jonathan Morduch (2018), “Microfinance and Economic Development,” *Handbook of Finance and Development*, Edward Elgar Publishing.
- Cai, Jing, Alain de Janvry, and Elisabeth Sadoulet (2020), “Subsidy Policies and Insurance Demand,” *American Economic Review*, 110 (8): 2422-2453.
- Breza, Emily, and Cynthia Kinnan (2021), “Measuring the Equilibrium Impacts of Credit: Evidence from the Indian Microfinance Crisis,” *Quarterly Journal of Economics*, 136(3): 1447-1497.
- Banerjee, Abhijit, Emily Breza, Arun G. Chandrasekhar, Esther Duflo, Matthew O. Jackson and Cynthia Kinnan, (2024) “Changes in Social Network Structure in Response to Exposure to Formal Credit Markets,” *Review of Economic Studies*, 91: 1331-1372.

Development Economics - MACRO

Lecture 8. Economic Growth: Facts and Workhorse Models (November 11)

A Facts:

- **Required Readings**

- Acemoglu, Daron (2009), *Introduction to Modern Economic Growth* (Princeton University Press), Chapter 1: “Economic Growth and Economic Development: The Questions”.
- Easterly, William (2019). “In Search of Reforms for Growth: New Stylized Facts on Policy and Growth Outcomes,” NBER Working Paper No. 26318.

- **Optional Readings**

- Kaldor, Nicholas (1961), “Capital Accumulation and Economic Growth,” in F.A. Lutz and D.C. Hague, eds., *The Theory of Capital*, St.Martins Press, pp. 177–222.
- Jones, Charles and Peter Klenow (2016), “Beyond GDP? Welfare across Countries and Time,” *American Economic Review*, 106(9): 2426-2457.
- Aghion, Philippe and Steven Durlauf (eds.) (2014) “Handbook of Economic Growth”, Vol. 2A, North-Holland.
- Buera, Francisco J., Joseph P. Kaboski, and Robert M. Townsend. (2023), “From Micro to Macro Development,” *Journal of Economic Literature*, 61(2): 471-503.
- Burke, Marshall, Anne Driscoll, David B. Lobell, and Stefano Ermon. (2021) “Using Satellite Imagery to Understand and Promote Sustainable Development”, *Science*, 371, eabe8628.

B Theory:

The Solow Model

- **Required Readings**

- Romer, David (2006), *Advanced Macroeconomics* (Mc Graw Hill). Chapter 1: “The Solow Growth Model”.

- **Optional Readings**

- Solow, Robert (1956), “A Contribution to the Theory of Economic Growth,” *Quarterly Journal of Economics*, 70: 65-94.

Endogenous Growth

- **Required Readings**

- Romer, Paul (1990), "Endogenous Technological Change," *Journal of Political Economy*, 98(5): S71-102.

- **Optional Readings**

- Lucas, Robert (1988), "On the Mechanics of Economic Development," *Journal of Monetary Economics*, 22: 3-42.
- Romer, Paul (1986), "Increasing Returns and Long-Run Growth," *Journal of Political Economy*, 94(5): 1002-1037.
- Baqaee, David Rezza, and Emmanuel Farhi (2020), "Productivity and Misallocation in General Equilibrium," *Quarterly Journal of Economics*, 135(1): 105-163.
- Patel, Dev, Justin Sandefur, and Arvind Subramanian. (2021), "The New Era of Unconditional Convergence," *Journal of Development Economics*, 102687.

Lecture 9. Poverty Traps (November 18)

- **Required Readings**

- Magruder, Jeremy R. (2013), "Can Minimum Wages Cause a Big Push? Evidence from Indonesia," *Journal of Development Economics*, 100(1): 48-62.
- Murphy, Kevin, Andrei Shleifer, and Robert Vishny (1989), "Industrialization and the Big Push," *Journal Political Economy*, 97(5): 1003-26.

- **Optional Readings**

- Costas Azariadis and Allan Drazen (1990), "Threshold Externalities in Economic Development," *Quarterly Journal of Economics*, CV: 501-526.
- Kremer, Michael (1993), "The O-Ring Theory of Economic Development," *Quarterly Journal of Economics*, CVIII: 551-575.
- Parente, Stephen L. and Edward Prescott (1994), "Barriers to Technology Adoption and Development," *Journal of Political Economy*, 102(2): 298-321.
- Ciccone, Antonio and Kimimori Matsuyama (1996), "Start-Up Costs and Pecuniary Externalities as Barriers to Economic Development," *Journal Development Economics*, 49(1): 33-59, April.
- Bénassy, Jean-Pascal and Elise S. Brezis (2013), "Brain Drain and Development Traps," *Journal of Development Economics*, 102: 15-22.
- Marx, Benjamin, Thomas Stoker, and Tavneet Suri (2013), "The Economics of Slums in the Developing World," *Journal of Economic Perspectives*, 27(4): 187-210.
- Kline, Patrick and Enrico Moretti (2014), "Local Economic Development, Agglomeration Economies, and the Big Push: 100 Years of Evidence from the Tennessee Valley Authority," *Quarterly Journal of Economics*, 129 (1): 275-331.
- Radosavljevic, Sonja, L. Jamila Haider, Steven J. Lade, and Maja Schlüter (2021), "Implications of Poverty Traps across Levels," *World Development*, 144: 105437.
- Balboni, Clare, Oriana Bandiera, Robin Burgess, Maitreesh Ghatak, and Anton Heil (2022), "Why Do People Stay Poor? Evidence on Poverty Traps from Rural Bangladesh," *Quarterly Journal of Economics*, 137(2): 785-844.
- Hu, Yunfang, Takuma Kunieda, Kazuo Nishimura and Ping Wang (2022), "Flying or Trapped?" *Economic Theory*, January 2022.

Lecture 10. Institutions and Economic Development (November 25)

- **Required Readings**

- Acemoglu, Daron, Suresh Naidu, Pascual Restrepo and James A. Robinson (2019), “Democracy Does Cause Growth,” *Journal of Political Economy*, 127(1): 47-100.
- Acemoglu, Daron, Simon Johnson, and James Robinson (2001), “Colonial Origins of Comparative Development: An Empirical Investigation,” *American Economic Review*, 91: 1369-1401.

- **Optional Readings**

- Acemoglu, Daron, Simon Johnson, and James Robinson (2005), “Institutions as the Fundamental Cause of Long-Run Growth,” *Handbook of Economic Growth*.
- 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.
- Acemoglu, Daron, Davide Cantoni, Simon Johnson and James A. Robinson (2011), “The Consequences of Radical Reform - The French Revolution,” *American Economic Review*, 101(7): 3286–3307.
- Acemoglu, Daron, Camilo García-Jimeno and James A. Robinson (2012), “Finding Eldorado: Slavery and Long-run Development in Colombia,” *Journal of Comparative Economics*, 40(4): 534-564.
- Dal Bó, Ernesto, Frederico Finan, and Martín A. Rossi (2013), “Strengthening State Capabilities: The Role of Financial Incentives in the Call to Public Service,” *Quarterly Journal of Economics*, 128(3), 1169-1218.
- Martinez-Fritscher, Andre, Aldo Musacchio and Martina Viarengo (2014), “Colonial Institutions, Trade Shocks, and the Diffusion of Elementary Education in Brazil, 1889-1930,” *Journal of Economic History*, 74(3): 730-766.
- Ashraf, Nava, Edward L. Glaeser and Giacomo A. M. Ponzetto (2016), “Infrastructure, Incentives, and Institutions,” *American Economic Review*, 106(5): 77-82.
- Dittmar, Jeremiah E., and Ralf R. Meisenzahl (2020), “Public Goods Institutions, Human Capital, and Growth: Evidence from German History,” *Review of Economic Studies* 87(2): 959-996.
- Mukand, Sharun W. and Dani Rodrik (2020), “The Political Economy of Liberal Democracy,” *Economic Journal* 130(627): 765-792.
- Acemoglu, Daron, Georgy Egorov, and Konstantin Sonin (2021), “Institutional Change and Institutional Persistence,” *The Handbook of Historical Economics*. Academic Press, 365-389.
- Daron Acemoglu, Nicolás Ajzenman, Cevat Giray Aksoy, Martin Fiszbein, Carlos Molina (2024), “(Successful) Democracies Breed Their Own Support,” *Review of Economic Studies*, rdae051,

Lecture 11. Culture, Social Norms and Development (December 2)

- **Required Readings**

- Bryan, Gharad T., James J. Choi, and Dean Karlan (2021) “Randomizing Religion: The Impact of Protestant Evangelism on Economic Outcomes,” *Quarterly Journal of Economics*, 136(1): 293–380.
- Corno, Lucia, Nicole Hildebrandt, Alessandra Voena (2020) “Age of Marriage, Weather Shocks, and the Direction of Marriage Payments,” *Econometrica*, 88(3): 879-915.
- Alesina, Alberto and Paula Giuliano (2011), “Family Ties and Political Participation,” *Journal of the European Economic Association*, 9(5): 817-839.

- **Optional Readings**

- Banerjee, Abhijit and Esther Duflo (2000), “Reputation Effects and the Limits of Contracting: A study of the Indian Software Industry,” *Quarterly Journal of Economics*, 115(3): 989-1017.
- Akerlof, George and Rachel E. Kranton (2000), “Economics and Identity,” *Quarterly Journal of Economics*, 115(3): 715-752.

- Miguel, Edward and Ray Fisman (2007), “Corruption, Norms and Legal Enforcement: Evidence from Diplomatic Parking Tickets,” *Journal of Political Economy*, 115(6): 1020-1048.
- Fernández, Raquel and Alessandra Fogli (2009), “Culture: An Empirical Investigation of Beliefs, Work, and Fertility,” *American Economic Journal: Macroeconomics*, 1(1): 146-177.
- Becker, Sascha O., and Ludger Woessmann (2009), “Was Weber Wrong? A Human Capital Theory of Protestant Economic History,” *Quarterly Journal of Economics*, 124(2): 531-596.
- Nunn, Nathan and Leonard Wantchekon (2011), “The Slave Trade and the Origins of Mistrust in Africa,” *American Economic Review*, 101(7): 3221-3252.
- Grosjean, Pauline (2014), “A History of Violence: The Culture of Honor as a Determinant of Homicide in the US South,” *Journal of the European Economic Association*, 12(5): 1285–1316.
- Guiso, Luigi, Paola Sapienza, and Luigi Zingales (2015), “Corporate Culture, Societal Culture, and Institutions,” *American Economic Review*, 105(5): 336-339.
- Gronsjean, Pauline and Rose Khattar (2019), “It’s Raining Men! Hallelujah? The Long-Run Consequences of Male-Biased Sex Ratios,” *Review of Economic Studies*, 86(2): 723–754.
- Ashraf, Nava, Natalie Bau, Nathan Nunn, and Alessandra Voena (2020), “Bride Price and Female Education,” *Journal of Political Economy*, 128(2): 591-641.
- Fernández, Raquel, Sahar Parsa, and Martina Viarengo (2024), “Coming Out in America: Thirty Years of Cultural Change,” *Journal of Law, Economics and Organization*, Vol. 00, pp.1-65.

Lecture 12. Revision Week – (no lecture)

Lecture 13. Final Examination (December 16):

Please note that the last week of classes (16-20 December 2024) will be reserved for make-up sessions

Papers for Student Team Presentations (the schedule of presentations with a selection of these papers will be circulated in week 3):

Pandemics, Epidemics

- (P) Christensen, Darin, O., Haushofer, J., Siddiqi, B., and Voors, M. (2021), “Building Resilient Health Systems: Experimental Evidence from Sierra Leone and the 2014 Ebola Outbreak,” *Quarterly Journal of Economics*, 136(2): 1145-1198.
- (P) Couture, Victor, Jonathan Dingel, Allison Green, Jessie Handbury, Kevin Williams (2022), “Measuring Movement and Social Contact with Smartphone Data: a Real-time Application to COVID-19”, *Journal of Urban Economics*, 127: 103328.
- (P) Angrist, Noam, Peter Bergman, and Moitshepi Matsheng (2022), “School’s Out: Experimental Evidence on Limiting Learning Loss using “Low-Tech” in a Pandemic,” *Nature Human Behavior*, 6: 941-950.

Social Protection, Social Movements

- (P) Bossuroy, Thomas; Goldstein, Markus; Karlan, Dean; Kazianga, Harounan; Pariente, William; Premand, Patrick; Thomas, Catherine; Udry, Christopher; Vaillant, Julia; Wright, Kelsey (2022), “Pathways Out of Extreme Poverty: Tackling Psychosocial and Capital Constraints with a Multi-faceted Social Protection Program in Niger,” *Nature*, 605: 291–297.

- (P) Melnikov, Nikita, Carlos Schmidt-Padilla, and Maria Micaela Sviatschi (2021), “Gangs, Labor Mobility and Development,” NBER Working Paper No. 27832.
- (P) Cantoni, Davide, David Y. Yang, Noam Yuchtman, Y. Jane Zhang (2019), “Protests as Strategic Games: Experimental Evidence from Hong Kong’s Antiauthoritarian Movement”, *Quarterly Journal of Economics*, 134(2): 1021–1077.

Behavioral Economics

- (P) Banerjee, Abhijit, Rema Hanna, Benjamin A. Olken, Elan Satriawan, and Sudarno Sumarto (2023), “Electronic Food Vouchers: Evidence from an At-Scale Experiment in Indonesia,” *American Economic Review*, 113(2): 514-547.
- (P) Casaburi, Lorenzo and Rocco Macchiavello (2019), “Demand and Supply of Infrequent Payments as a Commitment Device: Evidence from Kenya,” *American Economic Review*, 109(2): 523-555.
- (P) Kaur, Supreet, Michael Kremer, and Sendhil Mullainathan (2015), “Self-Control at Work,” *Journal of Political Economy*, 123(6): 1227-1277.

Markets, Networks and Social Capital

- (P) Bailey, Michael, Drew Johnston, Martin Koenen, Theresa Kuchler, Dominic Russel and Johannes Stroebe (2022), “The Social Integration of International Migrants: Evidence from the Networks of Syrians in Germany,” NBER Working Paper No. 29925.
- (P) Heß, Simon, Dany Jaimovich, and Matthias Schündeln (2021), “Development Projects and Economic Networks: Lessons from Rural Gambia,” *Review of Economic Studies*, 88(3): 1347-1384.
- (P) Angelucci, Manuela, Giacomo De Giorgi, Marcos A. Rangel, and Imran Rasul (2010), “Family Networks and Schooling Outcomes: Evidence from a Randomized Social Experiment,” *Journal of Public Economics*, 94(3-4): 197–221.

Learning and Technology

- (P) Kyle, Emerick, Alain de Janvry, Elisabeth Sadoulet and Manzoor H. Dar (2016), “Technological Innovations, Downside Risk, and the Modernization of Agriculture,” *American Economic Review*, 106(6): 1537-1561.
- (P) Conley, Timothy and Christopher Udry (2010), “Learning about a New Technology: Pineapple in Ghana,” *American Economic Review*, 100(1): 35-69.

Foreign Aid

- (P) Dreher, Axel, Vera Z. Eichenauer, Kai Gehring (2018), “Geopolitics, Aid, and Growth: The Impact of UN Security Council Membership on the Effectiveness of Aid,” *World Bank Economic Review*, 32(2): 268–286.
- (P) Werker, Eric, Faisal Z. Ahmed, and Charles Cohen (2009), “How Is Foreign Aid Spent? Evidence from a Natural Experiment,” *American Economic Journal: Macroeconomics*, 1(2): 225-244.

Infrastructure Projects and Energy

- (P) Lee, Kenneth, Edward Miguel and Catherine Wolfram (2020), “Experimental Evidence on the Economics of Rural Electrification,” *Journal of Political Economy* 128(4): 1523-1565.
- (P) Donaldson, Dave (2018), “Railroads of the Raj: Estimating the Impact of Transportation Infrastructure,” *American Economic Review*, 108(4-5): 899-934.

Capital and Socio-Economic Inequalities

- (P) Piketty, Thomas, Li Yang, and Gabriel Zucman (2019), “Capital Accumulation, Private Property, and Rising Inequality in China, 1978–2015,” *American Economic Review*, 109 (7): 2469-2496.
- (P) Baird, Sarah, Craig McIntosh, and Berk Özler (2019), “When the Money Runs Out: Do Cash Transfers have Sustained Effects on Human Capital Accumulation?” *Journal of Development Economics*, 140: 169-185.

Corruption

- (P) Avis, Eric, Claudio Ferraz, and Frederico Finan (2018), “Do Government Audits Reduce Corruption? Estimating the Impacts of Exposing Corrupt Politicians,” *Journal of Political Economy*, 126(5): 1912-1964.
- (P) Olken, Benjamin (2007), “Monitoring Corruption: Evidence from a Field Experiment in Indonesia,” *Journal of Political Economy*, 115(2): 200-249.

Conflict

- (P) McGuirk, Eoin and Nathan Nunn (2024) “Transhumant Pastoralism, Climate Change, and Conflict in Africa,” *Review of Economic Studies*, rdae027, <https://doi.org/10.1093/restud/rdae027>.
- (P) Dell, Melissa, and Pablo Querubin (2018), “Nation Building Through Foreign Intervention: Evidence from Discontinuities in Military Strategies,” *Quarterly Journal of Economics*, 133(2): 701–764.
- (P) Michalopoulos, Stelios, and Elias Papaioannou (2016), “The Long-Run Effects of the Scramble for Africa,” *American Economic Review*, 106(7): 1802-1848.