

DISCIPLINA: Desenvolvimento Econômico II	CÓDIGO: MDPCFP002
SIGLA: DE2	
PROFESSOR:	CARGA HORÁRIA: 40h
Francisco Junqueira Moreira da Costa	
	CRÉDITOS: 4
OBRIGATÓRIA:	CURSO:
□SIM ⊠ NÃO	\square M \square D \boxtimes MD
PRÉ-REQUISITO:	
Cursos básicos de microeconomia, estatística e econometria do primeiro ano de curso.	
ÁREA DE CONCENTRAÇÃO:	
CRESCIMENTO FLUTUAÇÃO E PLANEJAMENTO ECONÔMICO	

EMENTA

Curso de Desenvolvimento Econômico II

O objetivo do curso é familiarizar os alunos com a teoria, os métodos empíricos e as principais questões em aberto em algumas áreas de Desenvolvimento Econômico e Economia do Meio Ambiente. Este curso tem um forte enfoque aplicado. Nessa perspectiva, discutiremos o arcabouço técnico e fatos estilizados relevantes para que interessados na área possar começar a desenvolver pesquisa independente. Para cada tópico, analisaremos um artigo influente no tópico buscando identificar os pontos positivos e limitações do artigo, porque o artigo se tornou influente na literatura, bem como opções de políticas públicas.

Este será um curso de tópicos. Em cada tópico nós iremos concentrar a discussão em um artigo em especial que deve ser lido com atenção antes das aulas. A idéia não é "ensinar" os artigos, mas discutilos e tentar identificar seus componentes principais: — Qual a contribuição do paper? É inovador? Por que é citado?

- Como a research question foi implementada no research design?
- Outras maneiras de implementar a research question seriam mais eficientes?

Avaliação

- Apresentação e referee-report (30%). O parecer deve começar com um parágrafo resumindo o principal argumento do trabalho e continuar com 3 ou 4 pontos principais sobre o trabalho. O parecer deve incluir críticas, mas também sugestões. Um bom parecer inclui sugestões que sejam viáveis e críticas construtivas. Um guia geral.
- Prova (30%).
- Projeto de pesquisa (40%) A proposta deve ser de aproximadamente 4 páginas e deve incluir uma revisão da literatura, uma pergunta a ser respondida, uma motivação de 1 porque a pergunta é academicamente interessante, a metodologia a ser usada e a base de dados (ideal e/ou existente).

Leituras



Artigos marcados com dois asteriscos (**) devem ser lidos em detalhes antes das aulas. Demais artigos podem ser discutidos em sala. Esta lista de leitura não é de forma alguma exaustiva, apenas sugestiva. Em cada tópico vocês podem (e devem!) procurar outros artigos sobre o tema para enriquecer a discussão em sala. Vocês devem criar uma relação de amizade profunda com o Google Scholar.

Este curso se inspira nos cursos ministrado pelos meus professores e colegas. Erros e omissões são meus.

OBJETIVOS

O objetivo do curso é familiarizar os alunos com a teoria, os métodos empíricos e as principais questões em aberto em algumas áreas de Desenvolvimento Econômico e Economia do Meio Ambiente.

BIBLIOGRAFIA

Books

Angrist, JD; Pischke, JS (2008). Mostly harmless econometrics: An empiricist's companion. Princeton Uni. Press.

Cameron, CA; Trivedi, PK (2005). Microeconometrics: Methods and applications.

Manski, C. (2007). Identification for Prediction and Decision, Harvard Uni. Press.

Papers

Angrist, Joshua and Alan Krueger (2001), "Instrumental Variables and the Search for Identification: From Supply and Demand to Natural Experiments," Journal of Economic Perspectives, Vol. 15 (4), pp. 69-87.

Duflo, Esther, Rachel Glennerster and Michael Kremer "Randomization in Development Economics Research: A Toolkit" Handbook of Development Economics, vol 4.

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

The big picture

- **Acemoglu, Daron (2009). "Introduction to Modern Economic Growth", Princeton University Press. Chapters 1 and 4.[pdf]
- **Caselli, Francesco (2005) 'Accounting for Cross-Country Income Differences.' Handbook of Economic Growth. [pdf]

Banerjee, Abhijit and Esther Duflo, (2005). 'Growth theory through the lens of development economics', Handbook of Economic Growth. [pdf]

Hall, Robert and Charles Jones (1999) 'Why do some countries Produce so Much More Output per Worker than Others?' Quarterly Journal of Economics 114, 83-116.

Misallocation

**Hseih, Chang-Tai and Peter Klenow, (2009), "Misallocation and Manufacturing TFP in China and India", Quarterly Journal of Economics, 124

Adamopoulos, Tasso and Diego Restuccia (2014). "The Size Distribution of Farms and International Productivity Differences", American Economic Review 104 (6), 1667-1697.



David, Hugo A. Hopenhayn, Venky Venkateswaran (forthcoming). Information, Misallocation and Aggregate Productivity. QJE [pdf]

Hsieh, Chang-Tai, and Benjamin A. Olken. 2014. "The Missing "Missing Middle"." Journal of Economic Perspectives, 28(3): 89-108.

Poverty Traps

- **Azariadis, C., & Stachurski, J. (2005). Poverty traps. Handbook of Economic Growth, 1, 295-384.
- **Murphy, K., Shleifer, A. and R. Vishny (1989), "Industrialization and the Big Push", Journal of Political Economy 97, 1003–1026.

Bloom, D. E., Canning, D., & Sevilla, J. (2003). Geography and poverty traps. Journal of Economic Growth, 8(4), 355-378.

Kline, P; Moretti, E. (2014). Local Economic Development, Agglomeration Economies, and the Big Push: 100 Years of Evidence from the Tennessee Valley Authority. Quarterly Journal of Economics

Kraay, Aart and Claudio Raddatz (2007). "Poverty Traps, Aid and Growth", Journal of Development Economics 82 (2), 315-347.

Miguel, E., & Roland, G. (2011). The long-run impact of bombing Vietnam. Journal of Development Economics, 96(1), 1-15.

Rosenstein-Rodan, P. (1943), "Problems of Industrialization of Eastern and Southeastern Europe," Economic Journal 53, 202-211

Institutional and historical roots of under-development

**Acemoglu, Daron, Simon Johnson, and James A. Robinson. "The Colonial Origins of Comparative Development: An Empirical Investigation." American Economic Review 91, no. 5 (2001): 1369-1401.

Acemoglu, Daron Johnson, Simon; James A. Robinson (2002) "Reversal of Fortune: Geography and Institutions in the Making of the Modern World Income Distribution" Quarterly Journal of Economics, 118, 1231-1294.

Acemoglu, Daron Johnson, Simon; James A. Robinson (2005) 'Institutions as the Fundamental Cause of Economic Growth.' Handbook of Economic Growth. [pdf]

Acemoglu, Daron; Naidu, Suresh; Restrepo, Pascual; Robinson, James A. (2015). Democracy Does Cause Growth. NBER [pdf]

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

Krugman, Paul (1991), "History Versus Expectations," The Quarterly Journal of Economics, 106(2), 651-667.

Naritomi, J; Soares, RR; Assunção, JJ (2012). "Institutional Development and Colonial Heritage within Brazil". The Journal of Economic History, 72(02), 393-422.

Nunn, Nathan (2008), "The Long Term Effects of Africa's Slave Trades," Quarterly Journal of Economics, 123(1), 139-176.

State Capacity (Weak States)

**Besley, T. and Persson, T., (2009). "The origins of state capacity: Property rights, taxation and policy". The American Economic Review, 99(4), 1218-1244.

Acemoglu, Daron. 2005. "Politics and Economics in Weak and Strong States." Journal of Monetary Economics, 52: 1199-1226.

Besley, T., & Persson, T. (2011). "Pillars of prosperity: The political economics of development clusters". Princeton University Press.

Padró i Miquel, Gerard. 2007. "The Control of Politicians in Divided Societies: the Politics of Fear." Review of Economic Studies, 74(4): 1259-1274.



What can be done to change this?

Infrastructure

- **Jensen, R. "The Digital Provide: Information (Technology), Market Performance and Welfare in the South Indian Fisheries Sector." Quarterly Journal of Economics 122, no. 3 (2008): 879-924.
- **Duflo, E., & Pande, R. (2007). "Dams". The Quarterly Journal of Economics, 122(2), 601-646.
- **Donaldson, D. (forthcoming). Railroads of the Raj: Estimating the impact of transportation infrastructure. AER.

Burgess, Robin, Remi Jedwab, Edward Miguel, Gerard Padro i Miquel, Ameet Morjaria (2015) "The Value of Democracy: Evidence from Road Building in Kenya" AER

Dinkelman, T. (2011). "The effects of rural electrification on employment: New evidence from South Africa". The American Economic Review, 101(7), 3078-3108.

Lipscomb, M., Mobarak, M. A., & Barham, T. (2013). Development Effects of Electrification: Evidence from the Topographic Placement of Hydropower Plants in Brazil. American Economic Journal: Applied Economics, 5(2), 200-231.

Severnini, E. R. (2012). "The Power of Hydroelectric Dams: Agglomeration Spillovers". Working paper.

Human Capital: Health

**Miguel, Edward, and Michael Kremer. "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities." Econometrica 72, no. 1 (2004): 159-217.

Acemoglu, Daron and Simon Johnson, (2007) "Disease and Development: The Effect of Life Expectancy on Economic Growth," Journal of Political Economy, 115(6): 925-985.

Almond, Douglas. "Is the 1918 Influenza Pandemic Over? Long-term Effects of in utero Influenza Exposure in the Post-1940 U.S. Population." Journal of Political Economy 114, no. 4 (2006): 672-712.

Dupas, P. (2011). Do teenagers respond to HIV risk information? Evidence from a field experiment in Kenya. AEJ: Applied Economics 3 (1), pp.1-36.

Greenwood, J.; Kircher, P.; Santos, C.; and Tertilt, M. (2013) "An Equilibrium Model of the African HIV/AIDS Epidemic".

Jayachandran, S., & Lleras-Muney, A. (2009). Life Expectancy and Human Capital Investments: Evidence from Maternal Mortality Declines". The Quarterly Journal of Economics, 124(1), 349-397.

Young, A (2005) "The Gift of the Dying: The Tragedy of AIDS and the Welfare of Future African Generations." Quarterly Journal of Economics 120 (May 2005): 423-466.

Human Capital: Education

- **Das, J., Dercon, S., Habyarimana, J., Krishnan, P., Muralidharan, K., & Sundararaman, V. (2013). School Inputs, Household Substitution, and Test Scores. American Economic Journal: Applied Economics, 5(2), 29-57.
- **Duflo, Esther (2001), "Schooling and Labor Market Consequences of School Construction in Indonesia: Evidence from an Unusual Policy Experiment" American Economic Review, Vol. 91 (4), pp 795-813.

Jensen, R. (2010). The (perceived) returns to education and the demand for schooling. The Quarterly Journal of Economics, 125(2), 515-548.

Rosenzweig, Mark, (1995) "Why Are There Returns to Schooling?" American Economic Review, 85.

Rao, Gautam (2013). Familiarity Does Not Breed Contempt: Diversity, Discrimination and Generosity in Delhi Schools.

Credit Market / Savings



**Karlan, D., & Zinman, J. (2009). "Observing unobservables: Identifying information asymmetries with a consumer credit field experiment". Econometrica, 77(6), 1993-2008.

Ashraf, N., Karlan, D., & Yin, W. (2006). Tying Odysseus to the mast: Evidence from a commitment savings product in the Philippines. The Quarterly Journal of Economics, 121(2), 635-672.

Burgess, Robin, and Rohini Pande. "Do Rural Banks Matter? Evidence from the Indian Social Banking Experiment." American Economic Review 95, no. 3 (2005): 780-795.

De Mel, S., McKenzie, D., & Woodruff, C. (2008). Returns to capital in microenterprises: evidence from a field experiment. The Quarterly Journal of Economics, 1329-1372.

Duflo, E., Banerjee, A., Glennerster, R., & Kinnan, C. G. (2015). "The miracle of microfinance? Evidence from a randomized evaluation". American Economic Journal: Applied Economics, 7(1): 22-53

*Meager, Rachel (2015). Understanding the Impact of Microcredit Expansions: A Bayesian Hierarchical Analysis of 7 Randomised Experiments.

Khwaja, Asim, and Atif Mian. "Do Lenders Favor Politically Connected Firms? Rent Provision in an Emerging Financial Market." Quarterly Journal of Economics 120, no. 4 (2005): 1371-1411.

Incentives

**Duflo, E., Hanna, R., & Ryan, S. P. (2012). Incentives work: Getting teachers to come to school. The American Economic Review, 1241-1278.

Bandiera, O., Barankay, I., & Rasul, I. (2009). Social connections and incentives in the workplace: evidence from personnel data. Econometrica, 77(4), 1047-1094.

*Bénabou, Roland and Jean Tirole (2006). "Incentives and Prosocial Behavior", American Economic Review 96 (5), 1652-1678

Duflo, E., Dupas, P., & Kremer, M. (2006). "Peer Effects, Teacher Incentives, and the Impact of Tracking: Evidence from a Randomized Evaluation in Kenya". American Economic Review, 101(5), 1739-74.

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

Deserranno, E. (2015). Financial incentives as signals: Experimental evidence from the recruitment of Health Workers.

Learning and technology adoption

- **Bryan, Gharad, Shyamal Chowdury and Ahmed Mushfiq Mobarak (2014). "Underinvestment in a Profitable Technology: The Case of Seasonal Migration in Bangladesh", Econometrica 82 (5), 1671-1748.
- **Duflo, E., Kremer, M., & Robinson, J. (2011). Nudging Farmers to Use Fertilizer: Theory and Experimental Evidence from Kenya.". American Economic Review, 101(6), 2350-90.
- **Dupas, Pascaline (2013). "Short-Run Subsidies and Long-Run Adoption of New Health Products: Evidence from a Field Experiment". Forthcoming, Econometrica.

Ashraf, N., Berry, J., & Shapiro, J. M. (2010). Can Higher Prices Stimulate Product Use? Evidence from a Field Experiment in Zambia. American Economic Review, 100, 2383-2413.

Conley, T. G., & Udry, C. R. (2010). Learning about a new technology: Pineapple in Ghana. The American Economic Review, 35-69.

Costa, F and Gerard, F (2015). Hysteresis and the Social Cost of Corrective Policies: Evidence From a Temporary Energy Saving Program.

Ellison, G., and D. Fudenberg. "Rules of Thumb for Social Learning." Journal of Political Economy 101, no. 4 (1993): 612-643.

Foster, A. D., and M. R. Rosenzweig. "Learning by Doing and Learning from Others: Human Capital and Technical Change in Agriculture." Journal of Political Economy 103, no. 6 (1995): 1176-1209.

Goyal, A (2010). "Information, Direct Access to Farmers, and Rural Market Performance in Central India" American Economic Journal: Applied Economics 2: 22-45.



Hanna, R., Duflo, E., & Greenstone, M. (2012). "Up in smoke: the influence of household behavior on the long-run impact of improved cooking stoves" (No. w18033) NBER.

Kremer, Michael and Edward Miguel (2007), "The Illusion of Sustainability", Quarterly Journal of Economics, 112(3): 1007-1065.

Environmental/Energy Economics

Health and Externalities

**Currie, J., Davis, L., Greenstone, M., & Walker, R. (2015). Environmental Health Risks and Housing Values: Evidence from 1,600 Toxic Plant Openings and Closings. The American Economic Review, 105(2), 678-709.

Chay, Kenneth, and Michael Greenstone. "The Impact of Air Pollution on Infant Mortality: Evidence from Geographic Variation in Pollution Shocks Induced by a Recession". Quarterly Journal of Economics 118, no. 3 (2003).

Dell, M., Jones, B. F., & Olken, B. A. (2009). "Temperature and Income: Reconciling New Cross-Sectional and Panel Estimates". The American Economic Review, 99(2), 198-204.

Hanna, R., Duflo, E., & Greenstone, M. (forthcoming). "Up in smoke: the influence of household behavior on the long-run impact of improved cooking stoves". American Economic Journal: Economic Policy.

Jayachandran, S. (2009). "Air quality and early-life mortality evidence from Indonesia's wildfires". Journal of Human Resources, 44(4), 916-954.

Maccini, S., & Yang, D. (2009). "Under the weather: Health, schooling, and socioeconomic consequences of early-life rainfall." American Economic Review, 99(3): 1006-1026

Soares, R and Rocha, R. (forthcoming). Water Scarcity and Birth Outcomes in the Brazilian Semiarid. Journal of Development Economics

Regulation and Policy

- **Galiani, S; Gertler, P; and Schargrodsky, E (2005). "Water for Life: The Impact of the Privatization of Water Services on Child Mortality". Journal of Political Economy, Vol. 113, pp. 83-120.
- **Greenstone, Michael. "The Impacts of Environmental Regulations on Industrial Activity: Evidence from the 1970 and 1977 Clean Air Act Amendments and the Census of Manufacturers." Journal of Political Economy 110, no. 6 (2002).

Assunção, J., Gandour, C., & Rocha, R. (2013). "DETERring Deforestation in the Brazilian Amazon: Environmental Monitoring and Law Enforcement". Climate Policy Initiative Report, PUC-Rio, May.

Burgess, R., Hansen, M., Olken, B. A., Potapov, P., & Sieber, S. (2012). "The Political Economy of Deforestation in the Tropics". The Quarterly Journal of Economics, 127(4), 1707-1754.

Lipscomb, M.; and Mobarak, A. M. (2013). "Decentralization and Pollution Spillovers: Evidence from the Re-drawing of County Boundaries in Brazil," Working paper.

Morjaria, Ameet (2013). Is Democracy Detrimental for the Environment in Developing Countries? Evidence from Kenya.

Duflo, Greenstone, Pande, Ryan (2014). The Value of Discretion in the Enforcement of Regulation: Experimental Evidence and Structural Estimates from Environmental Inspections in India. NBER

Climate Change

**Costinot, A., Donaldson, D., & Smith, C. (2012). "Evolving Comparative Advantage and the Impact of Climate Change in Agricultural Markets: Evidence from a 9 Million-Field Partition of the Earth". mimeo. Alix-Garcia, J., McIntosh, C., Sims, K. R., & Welch, J. R. (2013). The ecological footprint of poverty alleviation: evidence from Mexico's Oportunidades program. Review of Economics and Statistics, 95(2), 417-435.



Barreca, A., Clay, K., Deschenes, O., Greenstone, M., & Shapiro, J. S. (2013). "Adapting to Climate Change: The Remarkable Decline in the US Temperature-Mortality Relationship over the 20th Century" (No. w18692) NBER.

Burke, M and Emerick, K (2015). Adaptation to climate change: Evidence from US agriculture.

Burke, Miguel, Satyanath, Dykema and Lobell (2015). Incorporating climate uncertainty into estimates of climate change impacts. Review of Economics and Statistics.

Deschênes, O., & Greenstone, M. (2007). "The Economic Impacts of Climate Change: Evidence from Agricultural Output and Random Fluctuations in Weather". The American Economic Review, 354-385. Shapiro, J. (2012). "Trade, CO2, and the Environment". mimeo MIT.

Energy Demand in Developing Countries

**Gertler, P; Shelef, O; Wolfram, C; and Fuchs, A (forthcoming). "The Demand for Energy using Assets Among the World's Rising Middle Classes", American Economic Review.

Abeberese, A. B. (2013). Electricity Cost and Firm Performance: Evidence from India.

Allcott, H., & Mullainathan, S. (2010). Behavioral science and energy policy. Science, 327(5970), 1204-1205.

Allcott, H; Collard-Wexler, A. and O'Connell, S. (2014). "How do electricity shortages affect productivity? Evidence from India" NBER

Costa, F, Gerard, F (2015). "Hysteresis and the Social Cost of Corrective Policies: Evidence From a Temporary Energy Saving Program". [pdf]

Davis, L. W., Fuchs, A., & Gertler, P. J. (2014). Cash for Coolers: Evaluating a Large-Scale Appliance Replacement Program in Mexico". AEJ: Applied.