

Tentative Class Schedule

WEEK OF	TUESDAY	THURSDAY
1 – Jan 14	1. Impact Evaluation: Randomized Experiments	
2 – Jan 21	2a. Social Policy Experiment: CCTs and Short-Term Effects	

Useful Books and Methods Articles

Development Textbooks

- Bardhan, Pranab and Christopher Udry. 1999. *Development Microeconomics*. New York: Oxford University Press.
- Deaton, Angus. 1997. *The Analysis of Household Surveys: A Microeconometric Approach to Development Policy*. Baltimore, Maryland: The World Bank.
- De Janvry, Alain and Elisabeth Sadoulet. 2016. *Development Economics: Theory and Practice*. New York: Routledge.
- Ray, Debraj. 1998. *Development Economics*. Princeton, N.J.: Princeton University Press.
- H. Chenery, T.N. Srinivasan, J. Behrman, T. Schultz, and J. Strauss, eds. *Handbook of Development Economics*, Vol. 1-4. Published by Elsevier.

You may also want to check out some these more popular press titles: Poor Economics, Why Nations Fail, The Bottom Billion, The End of Poverty, The White Man's Burden, Development as Freedom, Economic Gangsters ...

Helpful Articles on Econometric Methods

- Abadie and Cattanio. 2018. "Econometric Methods for Program Evaluation". *Annual Review of Economics*, 10:465-503.
- Angrist, Joshua D. and Alan B. Krueger. 1999. "Empirical Strategies in Labor Economics." *Handbook of Labor Economics*, Vol. 3, Ch. 23, Ed. O. Ashenfelter and D. Card.
- Angrist, Imbens, and Rubin. 1996. "Identification of Causal Effects Using Instrumental Variables," *Journal of the American Statistical Association*. 91(434):444-455.
- Anderson, M. 2008. "Multiple Inference and Gender Difference in the Effects of Early Interventions: A Reevaluation of the Abecedarian, Perry Preschool, and Early Training Projects." *Journal of American Statistical Association* 103(484):1481-1495.
- Athey, S., and G.W. Imbens. 2017. "The Econometrics of Randomized Experiments." Banerjee, A. and E. Duflo, (eds.), *Handbook of Economic Field Experiments*. Volume 1. Elsevier.
- Bertrand, Duflo, Mullainathan. 2004. "How Much Should We Trust Differences-in-Differences Estimates? *The Quarterly Journal of Economics*, 119(1):249-275.
- Deaton, Angus. 1993. "Data and Econometric Tools for Development Analysis." *Handbook of Development Economics*, Vol. 3, Ch. 33, Ed. J. Behrman and T.N. Srinivasan.
- Duflo, Esther, Rachel Glennerster, and Michael Kremer. 2008. "Randomization in Development Economics Research: A Toolkit." *Handbook of Development Economics*, Vol. 4, Ch. 61.
- Gertler, Martine, Premand, Rawlings, Vermeersch. 2011. *Impact Evaluation in Practice*. The World Bank (https://siteresources.worldbank.org/EXT/HDOFFICE/Resources/5485726-1295455628620/Impact_Evaluation_in_Practice.pdf)
- Imbens and Wooldridge. 2009. "Recent Developments in the Econometrics of Program Evaluation." *Journal of Economic Literature*, 47(1): 5-86.
- Todd, Petra E. 2008. "Evaluating Social Programs with Endogenous Program Placement and Selection of the Treated." *Handbook of Development Economics*, Vol.4, Ch. 60. Pp. 3847-3894.

Philippe Aghion, Peter Howitt, and Fabrice Murtin (2011) "The Relationship Between Health and Growth: When Lucas Meets Nelson-Phelps," *Review of Economics and Institutions*, Vol. 2(1): 1- 24.

B. Effect of Early Childhood Intervention on Human Capital

February 7: Barham, Tania. 2012. "Enhancing Cognitive Functioning: Medium-Term Effects of Health and Family Planning Program in Matlab," *American Economic Journal: Applied Economics*, 4(1), 245-73.

February 7/12: Field, Erica, Omar Robles and Maximo Torero. 2009. "Iodine Deficiency and Schooling Attainment in Tanzania" *American Economic Journal: Applied Economics* 1(4): 140-169.

*****February 12:** Miguel, Edward and Michael Kremer (2004). "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities", *Econometrica*, 72(1), 159-217.

Supplemental Reading:

Barker, D. J. P., ed. 1992. *Fetal and Infant Origins of Adult Disease*. London: British Medical Journal. (we will read a review article).

Heckman, James J. 2007. "The Technology, and Neuroscience of Human Capital Formation." *Proceedings of the National Academy of Sciences*, 104(33): 13250-13255.

Almond, Douglas and Currie, Janet. 2011. "Killing Me Softly: The Fetal Origins Hypothesis" *Journal of Economic Perspectives*, 25(3): 153-172.

Maluccio, John, et al. 2009. "The Impact of Improving Nutrition during Early Childhood on Education among Guatemalan Adults". *Economic Journal* 119(537): 734-763.

Bharadwaj, Prashant, Katrine Vellesen Løken, and Christopher Neilson. 2013. "Early Life Health Interventions and Academic Achievement." *American Economic Review*, 103(5): 1862-91.

Jayachandran, Seema, Adriana Lleras-Muney. 2009. Life Expectancy and Human Capital Investments: Evidence from Maternal Mortality Declines *Quarterly Journal of Economics*, 124 (1): 349-397.

C. Effect of Health and Nutrition on Income

February 14: Baird, S, J. Hicks, M. Kremer, E Miguel. 2016. Worms at Work: Long-Run of a Child Health Investment. *Quarterly Journal of Economics*, 131(4):1637-1680. (RCT)

February 14: Barham, T, Kuhn, R and P. Turner. 2018. “No Place Like Home: Long-Run Impacts of Early Child Health and Family Planning” mimeo. (quasi-random experiment)

*****February 19:** Bleakley, Hoyt. 2010. "Malaria Eradication in the Americas: A Retrospective Analysis of Childhood Exposure." *American Economic Journal: Applied Economics*, 2(2): 1-45. (Spatial variation)

Supplementary Reading:

Almond, Almond, D., J. Currie, and V. Duque, “Childhood Circumstance and Adult Outcomes: Act II,” *Journal of Economic Literature*, 2018, 56(4), 1360–1446.

Hoddinott, J., J.A. Maluccio, J.R. Behrman, R. Flores, and R. Martorell. 2008. “Effect of a Nutrition Intervention During Early Childhood on Economic Productivity in Guatemalan Adults,” *The Lancet*. 371(9610): 411–416.

Cutler, D., Fung, W., Kremer, M., Singhal, M., Vogl, T. 2010, “Early-life Malaria Exposure and Adult Outcomes: Evidence from Malaria Eradication in India,” *American Economic Journal: Applied Economics*, 2(2): 72-94.

Gertler, P., J. Heckman, R. Pinto, A. Zanolini, C. Vermeersch, S. Walker, S. Chang, and S. Grantham-McGregor, “Labor Market Returns to an Early Childhood Stimulation Intervention in Jamaica,” *Science*, 2014, 344 (6187), 998-1001.

Strauss, J., and Thomas, D., “Health over the Life Course” (pp. 3375– 3465), in T. Paul Schultz and John Strauss (eds.), *Handbook of Development Economics* (Elsevier, 2008).

D. HIV/Aids

March 7: Thornton, Rebecca. 2008. “The Demand for, and Impact of, Learning HIV Status.” *American Economic Review*, 98(5): 1829–1863.

Supplemental Readings:

Dupas, Pascaline. 2011. “Do Teenagers Respond to HIV Risk Information? Evidence from a Field Experiment in Kenya.” *American Economic Journal: Applied Economics*, 3(1): 1-34.

Gong, Eric. 2014 “HIV Testing and Risky Sexual Behavior” *The Economic Journal*, 125(582):32-60.

Evans, D., and E. Miguel. 2007. "Orphans and Schooling in Africa: A Longitudinal Analysis," *Demography*, 44(1): 35-57.

Kremer, Michael. 2002. "Pharmaceuticals and the Developing World," *Journal of Economic Perspectives*, 16(4): 67-90.

February 28: Guest Speaker: Patrick Turner

4. Education

*****March 7:** Lucas, A and I. Mbiti. 2014. "Effects of School Quality on Student achievement: Discontinuity Evidence from Kenya," *American Economic Journal: Applied Economics*, 6(3): 234-263.

Supplementary Reading:

Angrist, Joshua D. and Victor Lavy. 1999. "Using Maimonides' Rule to Estimate the Effect of Class Size on Scholastic Achievement." *The Quarterly Journal of Economics*, 114(2): 533-575.

Baird, Sarah, Craig McIntosh and Berk Ozler. 2011. "Cash or Condition: Evidence from a Randomized Cash Transfer Program," *Quarterly Journal of Economics*, 126(4): 1709- 1753.

Banerjee, Abhijit and Esther Duflo. 2006. "Addressing Absence." *Journal of Economic Perspectives*, 20(1): 117-132.

Card, David. 1999. "The Causal Effect of Education on Earnings." *Handbook of Labor Economics*, Vol. 3, Ch. 30.

Duflo, Esther. 2001. "Schooling and Labor Market Connection: School Construction in America." *Economic Review*, ()Tj0 -1.16 TD916(4)7935-

Duflo, Esther, Rema H
omle to School." *BREADg Working Paper* No. 1053.

Kremer. 2006. "Schools, Teachers, and Education Outcomes in Developing Countries." *Handbook of the Economics of Education*,

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Quarterly Journal of Economic, 2): 135-489. (Retourre to Education))Tj()TjT*()Tj0 -1.14 TD(Kremer, Michael

Rosenzweig, Mark R. 2010. "Microeconomic Approaches to Development: Schooling, Learning, and Growth." *Journal of Economic Perspectives*, 24(3): 81-96.

5. Fertility

Supplementary Readings:

Borjas, George, 1987. "Self-Selection and the Earnings of Immigrants," *American Economic Review*, 77(4), 531-53.

Covarrubias, Matias, Jeanne Lafortune and Jose Tessada (2015), "Who comes and Why? Determinants of Immigrants Skill Level in early XXth century US", *Journal of Demographic Economics*, Vol. 81 (1), 115-155.

Leah Boustan, Ran Abramitzky and Katherine Eriksson (2013), "Europe's Tired, Poor, Huddled Masses: Self-Selection and Economic Outcomes in the Age of Mass Migration," *American Economic Review*.

Rosenzweig, Mark, 2006. "Global Wage Differences and International Student Flows," Brookings Trade.

McKenzie, David, Caroline Theoharides, and Dean Yang. (2014). "Distortions in the International Migrant Labor Market: Evidence from Filipino Migration and Wage Responses to Destination Country Economic Shocks." *American Economic Journal: Applied Economics*, Vol. 6 (2): 49-75.

B. Effects of Migration

April 4: Yang, Dean. 2008. "International Migration, Remittances, and Household Investment: Evidence from Philippine Migrants' Exchange Rate Shocks," *Economic Journal*, 118 (528): 591-630. (IV)

Supplementary Reading:

McKenzie, David, J. Gibson and S. Stillman (2011), "The Impacts of International Migration on Remaining Household Members: Omnibus Results from a Migration Lottery Program," *Review of Economics and Statistics*, 93(4): 1297-1317, 2011.

Hanson, Gordon H. (2007), "Emigration, Labor Supply, and Earnings in Mexico," in *Mexican Immigration to the United States* (2007), George J. Borjas, editor, p. 289 – 328.

Mishra, Prachi (2007), "Emigration and Wages in Source Countries: Evidence from Mexico", *Journal of Development Economics*, no. 82, pp. 180-199.

Gonzalez-Velosa, Carolina (2012), "The Effects of Emigration and Remittances on Agriculture: Evidence from the Philippines", unpublished mimeo.

8. Climate Change

*****April 9:** Burgess, Robin, Oliver Deschenes, Dave Donalson, and Micheal Greenstone. 2017.

