

Economic Perspectives on Global Patent Law and Pharmaceutical Regulation: R&D and Access to New Treatments

COE Frontier Lecture Series(I, II, III) and Seminar

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Readings

Lecture I

Barton, John (2004) "TRIPS and the Global Pharmaceutical Market," *Health Affairs*, Vol. 23, no. 3, pp. 146-54. Available at: <http://content.healthaffairs.org/cgi/content/full/23/3/136>.

Sell, Susan (2003) *Private Power, Public Law: the Globalization of Intellectual Property*. Cambridge Studies in International Relations.

Scotchmer, Suzanne (2004) *Innovation and Incentives* (Cambridge: Massachusetts Institute of Technology Press). This includes a non-technical overview of intellectual property for non-lawyers.

Scherer, F.M. (1972) "Nordhaus' Theory of Optimal Patent Life: A Geometric Reinterpretation," *American Economic Review*, Vol. 62, pp. 422-427.

Chaudhuri, S, Penelopi Goldberg and Panle Jia (2004) "Estimating the Effects of Global Patent Protection in Pharmaceuticals: a Case Study of Quinolones in India," Mimeo, Yale University. Available at: www.yale.edu.

Jack, William and J. O. Lanjouw (2005) "Financing Pharmaceutical Innovation: How Much Should Poor Countries Contribute?," *World Bank Economic Review*. May. Available at: <http://wber.oxfordjournals.org/cgi/reprint/lhi005?ijkey=gpSmMub9OZ7sF51>.

Lecture II

Lanjouw, J.O. (2004) "Drug Patents: Taking the Poorest Out of the Fight." *The Milken Institute Quarterly Review*. First Quarter, 2004.

Lanjouw, J. O. (2005) "Patents, Price Controls and Access to New Drugs: How Policy Affects Global Market Entry," NBER Working Paper no. 11321. Version available at: <http://www.who.int/intellectualproperty/studies/en/index.html>.

Danzon, Patricia, Wang, Y. Richard and Liang Wang (2005) "The Impact of Price Regulation on the Launch Delay of New Drugs," *Journal of Health Economics*, Vol. 14, no. 3, pp. 269-92

Kyle, Margaret (2004) "Pharmaceutical Price Controls and Entry Strategies," Mimeo. Fuqua School of Business, Duke University. Available at: <http://www.duke.edu/~mkyle/Research%20Papers.htm>.

Lecture III

Lanjouw, J. O. and Margaret MacLeod (2005) "Statistical Trends in Pharmaceutical Research for Poor Countries," CIPIH Working Paper, World Health Organization, Geneva. Available at: <http://www.who.int/intellectualproperty/studies/en/index.html>.

Maurer, Stephen M., Arti Rai and Andrej Sali (2004) "Finding Cures for Tropical Diseases: Is Open Source an Answer?" PLoS Medicine 1(3):183-186. Available at: http://medicine.plosjournals.org/archive/1549-1676/1/3/pdf/10.1371_journal.pmed.0010056-S.pdf.

Barder, Owen (2005) "Making Markets for Vaccines – Ideas to Action," Center for Global Development Brief. Available at: <http://www.cgdev.org/Publications/index.cfm?PubID=211>.

Kremer, M. and R. Glennerster (2004) *Strong Medicine: Creating Incentives for Pharmaceutical Research on Neglected Diseases* (Princeton N.J.: Princeton University Press).

Maurer, Stephen (2005) "When Patents Fail: Finding New Drugs for the Developing World," Mimeo, U.C. Berkeley.

Fink, Carsten and Patrick Reichenmiller (2005) "Tightening TRIPS: The Intellectual Property Provisions of Recent US Free Trade Agreements," Trade Note 20, February 7, International Trade Department, the World Bank Group. Available at: <http://siteresources.worldbank.org/INTRANETTRADE/Resources/Pubs/TradeNote20.pdf>

Useful Websites including online background reports:

U.K. Commission on Intellectual Property Rights:
<http://www.iprcommission.org>

Commission on Intellectual Property Rights, Innovation and Public Health at the WHO:
<http://www.who.int/intellectualproperty/en/>

Commission on Macroeconomics and Health at the WHO:
<http://www.cmhealth.org/>

Seminar – Welfare Estimation

Elbers, Chris, J.O. Lanjouw and Peter Lanjouw (2003) "Micro-Level Estimation of Poverty and Inequality," *Econometrica*. Vol. 71, no. 1, pp. 355-64.

Elbers, Chris, J.O. Lanjouw and Peter Lanjouw. (2005) "Imputed Welfare Estimates in Regression Analysis," *Journal of Economic Geography*. Vol. 5, no. 1, pp. 1-18.

Elbers, Chris, J.O. Lanjouw and Peter Lanjouw. (2005) "Determining Changes in Welfare Distributions at the Micro-level: Updating Poverty Maps," Mimeo, U.C. Berkeley.

