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The University of Chicago
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EMPLOYMENT

DANIEL LEVIN PROFESSOR OF PUBLIC POLICY, **UNIVERSITY OF CHICAGO**, IRVING B. HARRIS GRADUATE SCHOOL OF PUBLIC POLICY STUDIES/

ASSOCIATED FACULTY MEMBER, **UNIVERSITY OF CHICAGO**, DEPARTMENT OF ECONOMICS, (1998-)

SENIOR LECTURER, THE LAW SCHOOL, **UNIVERSITY OF CHICAGO**, (1998-2006).

SENIOR ECONOMIC ADVISOR TO THE ADMINISTRATOR, **CENTERS FOR MEDICARE AND MEDICAID SERVICES**, (2004-05).

SENIOR ECONOMIC ADVISOR TO THE COMMISSIONER, **THE FOOD AND DRUG ADMINISTRATION**, (2003-04)

VISITING ASSISTANT PROFESSOR, **YALE UNIVERSITY**, DEPARTMENT OF ECONOMICS (1994)

ASSISTANT & ASSOCIATE PROFESSOR, **UNIVERSITY OF CHICAGO**, DEPARTMENT OF ECONOMICS (1990-98)

POST-DOCTORAL FELLOW, **UNIVERSITY OF CHICAGO**, DEPARTMENT OF ECONOMICS (1989)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Senior Health Care Advisor, Presidential Campaign of Senator John McCain, 2008

Chairman, Project FDA, Manhattan Institute (2008-present)

American Enterprise Institute, Visiting Scholar, (2007-present)

Senior Fellow, The Heartland Institute, (2007-present)

Adjunct Staff, RAND Corporation, Santa Monica, CA, (2005-present)

Health Economics, Editorial Board (2005-present)

The World Bank, Research Fellow, (2003).

The Milken Institute, Senior Fellow, (2004-present)

Center for Medicine in The Public Interest, Advisory Board, (2006-present).

The Center for Health and Social Sciences, The University of Chicago, Steering Committee, (2004-present).

Forums in Health Economics and Health Policy, Berkeley Electronic Press, Co-Editor (2004-present)

Economic Inquiry, Editorial Board (1996-2001)

National Bureau of Economic Research (NBER), Faculty Research Fellow (1996-99), Research Associate (1999-present)

Center for Poverty Research, University of Chicago, Faculty Associate (1996-present)

John M. Olin Program in Law & Economics, The Law School, University of Chicago, (1999-)
George J. Stigler Center, GSB, University of Chicago, Faculty Associate (1995-present)
Robert Wood Johnson Clinical Scholars Program, Core Faculty (1995-2002)
National AIDS Prevention Center, UCSF, Scientific Advisory Board (1995-98)
Population Research Center-NORC, University of Chicago (1993-present)

UNIVERSITY AND PROFESSIONAL COMMITTEES

University-wide Council on Research, *The University of Chicago* (1999-2002).
University Technology Transfer Office (UCTech), The University of Chicago, Faculty Advisory Committee, 2004-.
Working Group, Making Markets for Vaccines, The Center for Global Development, Washington DC, (2003-2004)
Executive Committee, Scientific Committee, 2006 Meetings, American Society for Health Economics (ASHE).
Executive Committee, Scientific Committee, 2007 Meetings, International Health Economics Association (IHEA), Copenhagen, Denmark.
Executive Committee, Scientific Committee, 2008 Meetings, American Society for Health Economics (ASHE).
Advisory Committee on Personalized Medicine, PCAST, The President of The United States, 2007

EDUCATION

THE WHARTON SCHOOL AND UNIVERSITY OF PENNSYLVANIA, M.A AND. PH.D., ECONOMICS (1989)
• Recipient of the William Carey Prize for Outstanding Dissertation.
Claremont Graduate School, M.A., Mathematics (1985)
• 4.0 GPA
Uppsala University, B.Sc. Mathematics (1984)
• Expedited Graduation.

AWARDS

The Garfield Award, Research America, 2007
[Awarded for most influential health economics paper in a given year]
Prêmio Haralambos Simeonidisand, Brazilian Economic Association, 2006
[Awarded for best paper in any field of economics in a given year]
The Kenneth J. Arrow Award, International Health Economics Association, 2006.
[Awarded for best paper in the field of health economics in a given year]
The Kenneth J. Arrow Award, International Health Economics Association, 2000.
[Awarded for best paper in the field of health economics in a given year]
Group Recognition Award, Office of the Commissioner, The Food And Drug Administration, 2004.
The Milken Institute Award for Distinguished Economic Research, The Milken Institute, 2003

[Awarded to best paper in any field of economics in a given year]

Alfred P. Sloan Foundation. Research Fellow. (1996-98).

John M. Olin Foundation. Faculty Fellow. (1996-97).

Earhart Foundation. (1990, 1992-94).

Royal Swedish Academy of Sciences. (1988-89).

Marcus Wallenberg Foundation. (1985-86).

Mathematics Clinic, Claremont Graduate School. (1985).

Swedish-American Society. (1985).

Kallenberg Foundation. (1984-85).

University of Uppsala, Sweden. International Fellowship. (1984).

Engwall Foundation, Sweden. (1982-87).

RESEARCH GRANTS

Center for Health and the Social Sciences

"Me-too Innovation and Pharmaceutical Markets", 2005.

"Estimating the Welfare Effects of Alternative Liability Regimes", 2006.

"The Impact of Personalized Medicine on the Pharmaceutical Industry", 2007.

RAND Corporation, "Estimating the Welfare Effects of Alternative Liability Regimes", 2007.

National Institutes of Health, "The Economics of Terminal Care", 2007.

US Department of Agriculture, "Economics and Obesity", 2003.

The World Bank, "African Health Care Delivery", 2002-03.

National Institutes of Health (NIA P30 AG-12657-06) "The Growth in Obesity and Technological Change." (2000).

National Institutes of Health (NIA AG16494). "Old-Age Longevity and The Market for Long-Term Care." (1999-2002).

John M. Olin Foundation. "Population, Longevity, and Human Capital." Joint with Gary Becker, Edward Glaeser, and Kevin Murphy. (2000).

National Institutes of Health (NIA AG14897). "Old-Age Longevity and Insurance." (1997-98).

National Science Foundation (SBR-9709635). "Data Markets." (1997-2000).

George J. Stigler Center for The Study of The Economy and The State. (1993-2007).

John M. Olin Foundation. "The Formation of Preferences." Joint with Gary Becker, Casey Mulligan, and Kevin Murphy. (1996-2000).

National Science Foundation (SBR-9409917). "Trade Under Incomplete Information: An Empirical Examination for the Case of HIV." (1994-97).

National Institutes of Health (AHCPR HS 08066-02). "The Demand for Immunity and the Effects of Public Health." (1993-97).

Rockefeller Foundation. (1994).

Center for Disease Control. Joint with Karen Goldstein and Robert Daum. (1993-94).

PUBLICATIONS

ECONOMIC ASPECTS OF LONGEVITY

- Dow, W., T. Philipson, and X. Sala-I-Martin. "Longevity Complementarities Under Competing Risks." American Economic Review 89.5, December, (1999): 1357-1372.
- Philipson, T., and G. Becker. "Old-Age Longevity and Mortality Contingent Claims." Journal of Political Economy 106.3 (1998): 550-574.
- Cawley, J., and T. Philipson. "An Empirical Examination of Information Barriers to Trade in Longevity-Based Insurance." American Economic Review 89.4, September, (1999): 827-48.
- Lakdawalla, D., and T., Philipson. "The Rise in Old Age Longevity and the Market for Long Term Care," American Economic Review, v 92, No 1, March (2002), pp 295-306.
- Geoffard, P-Y., and T. Philipson. "Pricing and R&D when Consumption Affects Longevity", The RAND Journal of Economics, v 33, No 1, Spring (2002), 85-95
- Philipson, T. and R. Soares. (2002) "World Inequality and the Rise in Longevity", B. Pleskovic and N. Stern, Editors, Annual World Bank Conference on Development Economics 2001/2002, Oxford University Press, New York, 2002, p.245-259.
- Philipson, T., and Rodrigo R. Soares. "The Quantity of Life and the Welfare Cost of AIDS in Sub-Saharan Africa", G. López-Casasnovas, B. Rivera, and L. Currais, Editors, Health and Economic Growth: Findings and Policy Implications, MIT Press, Cambridge, 2005.
- Becker, G., T. Philipson, and R. Soares, (2005), "The Quantity and Quality of Life and The Evolution of World Inequality", American Economic Review, March, v 95, No 1, pp 277-291

Working papers:

- Becker, G., K. Murphy, and T. Philipson (2007) "The Value of Life Near Its End and Terminal Care", NBER Working Paper No 13333.
- Jena, A., Mulligan, C., T., Philipson, and E. Sun, "The Value of Life in General Equilibrium", Working Paper, Department of Economics, The University of Chicago.
- Mullin, C., and T. Philipson. "The Future of Old-Age Longevity: Competitive Pricing of Mortality Contingent Claims." National Bureau of Economic Research Working Paper # 6042.

DATA MARKETS

Books:

- Philipson, T. 2000, Data Markets; The Production of Health Statistics. The University of Chicago Press, pre-publication contract, 2000.

Papers:

- Philipson, T., and L. Hedges. "Subject Evaluation in Social Experiments." Econometrica 66.2 (1998): 381-409.
- Philipson, T., and J. DeSimone. "Experiments and Subject Sampling." Biometrika 84.3 (1997): 618-632.
- Philipson, T. "Data Markets and the Production of Surveys." Review of Economic Studies 64.1 (1997): 47-73.
- Philipson, T. "The Evaluation of New Health Care Technology: The Labor Economics of Statistics." Journal of Econometrics 76.1-2 (1997): 375-396.
- Philipson, T. "Social Welfare and Measurement of Segregation." Journal of Economic Theory 60.2 (1993): 322-332.

Philipson, T., and A. Malani, "Measurement Errors: A Principal Investigator-Agent Approach." Journal of Econometrics 91.2 (1999): 273-298.

Philipson, T., "Issues in Identifying and Estimating External Treatment Effects", Quantitative Issues in Evaluating HIV-Prevention Programs. Edited by R. Brookmeyer, and E. Kaplan. Yale University Press, *forthcoming*.

Philipson, T. (2001), "Data markets, Missing Data, and Incentive Contracting.", Econometrica, v 69, No 4, 1099-1111.

Working papers:

Philipson, T. "External Treatment Effects." NBER Technical Working Paper, No 250, Cambridge, MA.

ECONOMIC EPIDEMIOLOGY AND PUBLIC HEALTH

Books and Reviews:

Philipson, T., (2006), "Economic Epidemiology", The New Economic Palgrave.

Philipson, T., and R. A. Posner. Private Choices and Public Health: An Economic Interpretation of the AIDS Epidemic. Cambridge, MA: Harvard University Press, 1993.

Philipson, T. "Economic Epidemiology and Infectious Disease", chapter in Handbook of Health Economics. Edited by J. Newhouse and T. Culyer. New York: North-Holland, 2000.

Papers:

Geoffard, P-Y., and T. Philipson. "Disease Eradication: Private vs. Public Vaccination." American Economic Review 87.1, March, (1997): 222-230.

Geoffard, P-Y., and T. Philipson. "The Empirical Content of Canonical Models of Infectious Disease." Biometrika 82 (1995): 1-14.

Philipson, T., and R. A. Posner. "A Theoretical and Empirical Investigation of the Effects of Public Health Subsidies." The Quarterly Journal of Economics 110.2 (1995): 445-474.

Ahituv, A., J. Hotz, and T. Philipson. "The Responsiveness of the Demand for Condoms to the Local Prevalence of AIDS." Journal of Human Resources 31.4 (1996): 869-898.

Geoffard, P-Y., and T. Philipson. "Rational Epidemics and Their Public Control." International Economic Review 37.3 (1996): 603-624.

Philipson, T. "Private Vaccination and Public Health: An Empirical Examination for U.S. Measles." Journal of Human Resources 31.3 (1996): 611-630.

Philipson, T., and R. A. Posner. "Public Spending on Health Education." Journal of Law & Economics 37.1 (1994): 17-38.

Boozer, M., and T., Philipson, (2000), "Public Intervention into Markets with Asymmetric Information: An Empirical Examination for HIV." Journal of Human Resources, v 35 (3), 419-448.

Philipson, T., and R. A. Posner. "The Economic Epidemiology of Crime." Journal of Law & Economics 39.2 (1996): 405-436.

Dow, W. H., and T. Philipson. "An Empirical Examination of Assortative Matching on the Incidence of HIV." Journal of Health Economics 15.6 (1996): 735-752.

Goldstein, K. P., T. J. Philipson, H. Joo, and R. Daum. "The Effect of Epidemic Measles on Immunization Rates." Journal of American Medical Association 276.1 (1996): 56-60.

Philipson, T. "The Welfare Loss of Disease and The Theory of Taxation." Journal of Health Economics 14.3 (1995): 387-396.

Philipson, T., and R. Posner. "The Microeconomics of the AIDS Epidemic in Developing Countries." Population and Development Review 21.4 (1995): 835-849.

Philipson, T., and W. Dow. "Assortative Matching and The Growth of Infectious Disease." Mathematical Biosciences 148.2 (1998):161-81.

Mosler, K., and T. Philipson. "Specification Analysis in Mixed Hazard Models: Generalizations from the Demand for Vaccines." Statistical Papers 40 (1999): 37-54.

NON-PROFIT DELIVERY OF HEALTHCARE SERVICES

Philipson, T., and R. Posner, "Anti-Trust Policy for the Non-Profit Sector", forthcoming, Journal of Law and Economics, National Bureau of Economic Research Working paper # 8126, 2000.

Lakdawalla, D., and T. Philipson (2006), "Non-Profit Production and Industry Performance", Journal of Public Economics, v 90 (9), 1681-98.

Malani, A., T. Philipson, and G. David, (2003), "Theories of Not-for-Profit Firm Behavior: A Synthesis and Empirical Evaluation", *Governance of Non-Profits*, edited by Edward Glasear, The National Bureau of Economic Research, Chicago: The University of Chicago Press.

Philipson, T., (2000), "Asymmetric Information and the Not-for-Profit Sector: Does Its Output Sell at a Premium?" chapter 10 in " *The Changing Hospital Industry*. Edited by D. Cutler. National Bureau of Economic Research. Chicago: University of Chicago Press, 2001.

Philipson, T. and D. Lakdawalla (2001), "Medical Care Output and Productivity in The Non-Profit Sector." *Medical Care Output and Productivity*. Edited by E. Berndt and D. Cutler. National Bureau of Economic Research, Studies in Income and Wealth Volume 62, Chicago: University of Chicago.

FOOD AND DRUG ISSUES:

Books:

Innovation and Medical Product Markets, submitted to Harvard University Press, Fall 2006.

Papers:

Philipson T., and R. Posner, "Economics of Obesity: A Decade of Research", forthcoming, *Journal of Economic Literature*.

Goldman, D., A. Jena, T. Philipson, and E. Sun (2008), "Drug Licenses: A New Model for Pharmaceutical Pricing, *Health Affairs*, v 271, No 1, pp 122-29.

Jena, A., and T. Philipson, "Cost-Effectiveness as Price Controls", (2007), Health Affairs, v 26, No 3, pp 696-705.

Jena, A., and T. Philipson, *Authors Response* to Letters on "Cost-Effectiveness as Price Controls", Health Affairs, v 27.

Jena, A, J. Calfee, D. Goldman, E. Mansley, T. Philipson, "Me-Too Innovation in Pharmaceutical Markets", forthcoming, Forums for Health Economics and Policy

Philipson, T., and E. Sun, "Is The Food and Drug Administration Safe and Effective?" forthcoming, Journal of Economic Perspectives.

T., Philipson, Berndt, E., A. Gottschalk, E. Sun, (2007), "A Cost-Benefit Analysis of The Food and Drug Administration", forthcoming, Journal of Public Economics.

Goldman, D., and Philipson, T., (2007) "Integrated Insurance Design for Multiple Medical Technologies", American Economic Review.

Philipson, T., and Anupam B. Jena (2005) "Who Benefits from New Medical Technologies? Estimates of Consumer and Producer Surpluses for HIV/AIDS Drugs", *Forum for Health Economics & Policy*,

- Forum: Biomedical Research and the Economy: Article 3.
http://www.bepress.com/fhep/biomedical_research/3
- Jena, A., and T. Philipson, (2007), “Cost-Effectiveness Analysis and Innovation”, forthcoming, Journal of Health Economics.
- Berndt, E., A. Gottschalk, T. Philipson, M. Strobeck, (2004), “Assessing The Impact of the The Prescription Drug Use Fee Acts (PDUFA) on the FDA Approval Process”, Frontiers in Health Policy Research , Volume 8, Paper 2, *National Bureau of Economic Research*, in Forums for Health Economics and Policy, Berkeley Electronic Press.
- Berndt, E., A. Gottschalk, T. Philipson, M. Strobeck, (2005), “Industry Funding of the FDA: The Effects of PDUFA on Approval Times and Withdrawal Rates”, Nature Reviews: Drug Discovery, July, vol 4, p 545-554.
- Lakdawalla, D., T. Philipson, and J., Bhattacharya, (2005) "Welfare Enhancing Technological Change and The Growth in Obesity", American Economic Review Papers and Proceedings , v 95 (2), pp 253-257.
- Lichtenberg, F., and T. Philipson, (2003), “The Dual Effects of Intellectual Property Regulations: Within and Between Patent Competition in The US Pharmaceutical Industry”, The Journal of Law and Economics, October.
- Mechoulan, S., and T. Philipson, (2003), “ Intellectual Property for Goods with External Effects: Generalizations from Pharmaceutical Markets”, National Bureau of Economic Research Working Paper # 9598.
- Philipson, T., and R., Posner, (2003), “The Long Run Growth of Obesity as a Function of Technological Change, *Perspectives in Biology and Medicine*, Summer, v 46, No 3, 87-108. [NBER Working Paper # 7423].
- Lakdawalla, D., and T. Philipson. (2007), “Labor Supply and Weight”, Journal of Human Resources, v 42, No 1, Winter, pp 85-117.
- Lakdawalla, D., and T. Philipson. “The Growth in Obesity and technological Change: A Theoretical And Empirical Examination.” National Bureau of Economic Research Working Paper #8446
- Philipson, T., (2001), “The Antibiotic Resistance Problem: Is It Also A Policy Problem ?”, mimeo, The University of Chicago.
- Philipson, T. ,(2003), “The Regulation of Medical Innovation and Pharmaceutical Markets” The Journal of Law and Economics. October , S 1-5.
- Philipson, T., C. Dai, L. Helmchen, J. Variyam, (2004), “The Economics of Obesity: A Report on The Workshop Held at USDA Economic Research Services” USDA, Washington , DC.
- Philipson, T., (2004), “The Long Term Ramifications of Re-importation for The Health Care System”, Managed Care, p 17-18.
- Philipson, T., (2005), “The Government Perspective on Food Labeling”, The American Journal of Clinical Nutrition.
- Lakdawalla, D., and T. Philipson. “The Economics of Obesity.” Elgar Companion to Health Economics, edited by A. Jones.
- Lakdawalla, D., and T. Philipson, (2005) “Intellectual Property and Marketing”, NBER Working Paper 12577.
- Philipson, T., and E. Sun, (2008), “Regulating The Safety and Efficacy of Prescription Drugs”, VOX, <http://www.voxeu.org/index.php?q=node/804>.
- Jena, A., E. Sun. E, D. Goldman, D. Lakdawalla, T. Philipson. “An Economic Evaluation of The War on Cancer”. Working paper, The University of Chicago.
- Jena, A., E. Sun. E, D. Goldman, D. Lakdawalla, T. Philipson. “Decomposing Cancer Gains into Treatment and Prevention”. Working paper, The University of Chicago

OTHER TOPICS

- Philipson, T., and J. Snyder. "Equilibrium and Efficiency in an Organized Vote Market." Public Choice 89.3-4 (1996): 245-265.
- Philipson, T. "The Exchange and Allocation of Decision Power." Theory and Decision 33.3 (1992): 191-206.
- Philipson, T. "Social Monopoly Pricing and School Desegregation." Rationality and Society 4 (1992): 189-199.
- Philipson, T. "Dynamic Information Release." Journal of Economics 53.2 (1991): 205-213.

CURRENT WORK AND NON-REFEREED PUBLICATIONS

Working Papers:

- Mulligan, C., and T., Philipson. "Paternalism and Government Intervention: Public Finance in Reverse." National Bureau of Economic Research Working Paper #7698, 2000.
- Mulligan, C., and T., Philipson. "A Positive Theory of Uninsurance", mimeo, The University of Chicago.
- Philipson, T., and G. Zanjani. "Consumption vs Production of Insurance." National Bureau of Economic Research Working Paper 6225.

Solicited Papers, Book Chapters, Non-Refereed Proceedings, and Reviews:

- Philipson, T., "Commentary", *Managerial and Decision Economics*, (2007), v 28, 453-454, 467-468.
- Philipson, T., A. Jena, E. Sun, "The Institute of Medicine Report on The FDA: Where is The Science?", Editorial, *Health Economics*, v 16, 219-222, 2007.
- Philipson, T., E. Berndt, A. Gottschalk, M. Strobeck, (2006), "How Safe Is Too Safe? Public Safety vs Innovation at The FDA", *The Milken Review*, No 2, p 38-46.
- Philipson, T., and A., Jena, (2006), "Dividing The Benefits from Medical Breakthroughs", *The Milken Review*, v *, No 1, pp-46-56.
- Philipson, T., "Within vs Between Patent Competition in The US Pharmaceutical Industry", *CATO Journal of Regulation*, 2004.
- Philipson, T., (2003) "The Quality of Care through Managed Care: A Misguided Policy Debate?", Journal of Legal Studies.
- Philipson, T., (2001), "The World-Wide Growth of Obesity: An Economic Research Agenda", Invited Guest Editorial, Health Economics, v 10, pp 1-7.
- Lakdawalla, D., and T. Philipson, (2001), "Public Financing and The Market for Long-Term Care", *Frontiers in Health Policy Research*, Volume 4, National Bureau of Economic Research, edited by A. Garber, The University of Chicago Press.

- Philipson, T., and G. Zanjani, (1999), "The Production and Regulation of Health Insurance: Limiting Opportunism under Asymmetric Information", in *Individual Decisions for Health*, edited by Bjorn Lindgren, Lund University Press, Sweden.
- Philipson, T., R. Posner, and J. Wright. "Why AIDS Prevention Programs Do Not Work." *National Academy of Sciences & Institute of Medicine*, (1994): 19-28.
- Philipson, T., and T. Lawless. "Multiple Output Agency Incentives in Data Production: Experimental Evidence." *European Economic Review* 41 (1997): 959-973.
- Philipson, T. "Economic Epidemiology and Public Health." In *New Economics of Human Behavior: Essays in Honor of Gary Becker*, edited by M., Tommasi and K., Ierulli. Cambridge: Cambridge University Press, 1995: 216-235.
- Philipson, T. "Rational Public Health Policy." *Journal of Policy Analysis and Management* 14.3 (1995): 493-498.
- Philipson, T. "Public Sector Screening for Infectious Disease." In *Modeling the AIDS Epidemic: Planning, Policy, and Prediction*. Edited by M. Brandeau and E. Kaplan. ORSA, Raven Press, 1994: 109-122.
- Philipson, T., and R. Posner. "The Logic of Rational Choice, Public Policy, and AIDS." *Rationality and Society* 8.4 (1996): 497-504.
- Philipson, T., and R. Posner. "Sexual Behavior, Disease, and Fertility Risk." *Risk, Decision, and Policy* 1.1 (1996): 1-14.
- Heckman, J., and T. Philipson. "Evaluation of an Affirmative Action Argument." *Rationality and Society* 4 (1992): 360-365.
- Philipson, T. "The Bayesian Model of Conditional Preference and Trade Under Uncertainty." In *Decision Making Under Risk and Uncertainty: New Models and Empirical Findings*. John Geweke, Editor. Kluwer Academic Press, 1991: 100-106.