

CURRICULUM VITAE
Joshua S. Graff Zivin

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Department of Health Policy and Management
Mailman School of Public Health
Columbia University
600 West 168th Street, Room 617
New York, NY 10032
Voice: 212-305-3524
Fax: 212-305-3405
E-Mail: jz126@columbia.edu

Personal

Date of Birth: December 5, 1970
Place of Birth: New Brunswick, NJ
Citizenship: U.S.

Education

University of California at Berkeley, Ph.D., Agricultural and Resource Economics, 1998
University of California at Berkeley, M.S., Agricultural and Resource Economics, 1994.
Rutgers College, Rutgers University, B.A., Economics and Psychology, 1993.

Work Experience

Associate Professor (tenured) and Director of Sustainable Development PhD Program,
Columbia University, School of International and Public Affairs, July 2007 – present

Associate Professor (tenured), Columbia University, Department of Health Policy and
Management July 2006 – present

Senior Research Fellow, Columbia University, International Center for Health Outcomes
and Innovation Research, September 1998 – present

Assistant Professor, Columbia University, Department of Health Policy and Management
September 1998 – June 2006

Professional Appointments

Faculty Research Fellow, Health Economics, Health Care, and Environmental Economics,
National Bureau of Economic Research, 2003 – present

Senior Economist, The President's Council of Economic Advisers, Executive Office of the
President, Washington, D.C., August 2004 – July 2005

Honors and Awards

Calderone Junior Faculty Research Prize, Columbia University, 2003
Outstanding Journal Article: American Journal of Agricultural Economics, 2000
Outstanding Graduate Student Instructor Award, University of California, 1998
Edward Bloustein Distinguished Scholar, Rutgers University, 1991, 1992, 1993

Publications

Thirumurthy H, J Graff Zivin and M Goldstein, "The Economic Impact of AIDS Treatment: Labor Supply in Western Kenya," *Journal of Human Resources*, forthcoming.

Jackson K, K Scott, J Graff Zivin, D Bateman, J Flynn, J Keenan, M Chiang, "Cost-Utility Analysis of Telemedicine and Ophthalmoscopy for Retinopathy of Prematurity Management," *Archives of Ophthalmology*, forthcoming.

Montgomery G, D Bovbjerg, J Schnur, D David, A Goldfarb, C Wetz, C Schechter, J Graff Zivin, K Tatrow, D Price, and J Silverstein, "A Randomized Clinical Trial of A Brief Hypnosis Intervention to Control Side Effects in Breast Surgery Patients," *Journal of the National Cancer Institute*, 99(2007): 1304-1312.

Sage, W, J Graff Zivin, and N Chase, "Bridging the Relational-Regulatory Gap: A Pragmatic Information Policy for Patient Safety and Medical Malpractice," *Vanderbilt Law Review*, 59(2006): 1263-1308.

Azoulay, P, A Stellman and J Graff Zivin, "PublicationHarvester: An Open-Source Software Tool for Science Policy Research," *Research Policy*, 35(2006): 970-974.

Graff Zivin, J, R Just, and D Zilberman, "Risk Aversion, Liability Rules, and Safety," *International Review of Law and Economics*, 4(2006): 604-623.

Anderson, K, J Jacobson, D Heitjan, J Graff Zivin, D Hershman, A Neugut, and V Grann, "Cost-effectiveness of Preventive Strategies for Women with a BRCA1 or a BRCA2 Mutation," *Annals of Internal Medicine*, 6(2006): 397-406.

Graff Zivin J, "Ensuring a Safe Food Supply: The Importance of Heterogeneity," *Journal of Agricultural and Food Industrial Organization*, 4(2006).

Angevine P, J Graff Zivin, and P McCormick, "Cost-Effectiveness of Single-Level Anterior Cervical Discectomy and Fusion for Cervical Spondylosis," *Spine*, 17(2005): 1989-1997.

Graff Zivin J and A Small, "A Modigliani-Miller Theory of Altruistic Corporate Social Responsibility," *Topics in Economic Analysis and Policy* 5(2005).

Leonard, K and J Graff Zivin, "Outcome versus Service Based Payments in Health Care: Lessons from African Traditional Healers," *Health Economics*, 14(2005): 575-593.

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Khan K, P Muennig, M Gardam and J Graff Zivin, "Optimizing Clinical Management of Febrile Respiratory Illnesses During a SARS Outbreak in Respiratory Season," *Emerging Infectious Diseases*, 11(2005): 191-200.

Graff Zivin, J and A Pfaff, "To Err on Humans is Not Benign: Incentives for Adoption of Medical Error Reporting Systems," *Journal of Health Economics*, 23(2004): 935-949.

Shih C, Graff Zivin J, Trokel S, Tsai J, "Clinical Impact of Central Corneal Thickness in the Management of Glaucoma," *Archives of Ophthalmology*, 122(2004): 1270-1275.

Remler, D, J Graff Zivin, and S Glied, "Modeling Health Insurance Expansions: Effects of Alternate Approaches," *Journal of Policy Analysis and Management*, 23(2004): 291-313.

Khan, K, P Muennig, and J Graff Zivin, "Management of Latent Tuberculosis Infection in Immigrants: Reply," *New England Journal of Medicine*, 348(2003): 1291-1292.

Glied, S, D Remler and J Graff Zivin, "Inside the Sausage Factory: Improving Estimates of the Effects of Health Insurance Expansion Proposals: Reply," *Milbank Quarterly* 81(2003): 165-167.

Graff Zivin, J and A Small "Risk Sharing in Coasean Contracts," *Journal of Environmental Economics and Management*, 45(2003): 394-415.

Mojtabai, R and J Graff Zivin, "Effectiveness and Cost-Effectiveness of Four Treatment Modalities for Substance Disorders: A Propensity Score Analysis," *Health Services Research*, 38:1(2003): 233-259.

Khan, K, P Muennig, M Behta, and J Graff Zivin, "Globalization and Infectious Diseases: Integrating Country of Origin into the Clinical Management of Latent Tuberculosis Infection," *New England Journal of Medicine*, 347(2002): 1850-1859.

Glied, S, D Remler and J Graff Zivin, "Inside the Sausage Factory: Improving Estimates of the Effects of Health Insurance Expansion Proposals," *Milbank Quarterly* 80(2002): 603-635.

Graff Zivin, J and J Bridges, "Addressing Risk Preferences in Cost-Effectiveness Analyses," *Applied Health Economics and Health Policy* 1(2002): 135-139.

Graff Zivin, J and D Zilberman, "Optimal Environmental Health Regulations with Heterogeneous Populations: Treatment versus 'Tagging'," *Journal of Environmental Economics and Management* 43(2002): 455-476.

Glied, S and J Graff Zivin, "How Do Doctors Behave When Some (But Not All) of Their Patients are in Managed Care?" *Journal of Health Economics* 21(2002): 337-353.

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Graff Zivin, J, and D Sunding, "A Comparison of Policies to Reduce Pesticide Poisoning Combining Economic and Toxicological Data," in D Hall and J Moffit (Eds.), *Advances in the Economics of Environmental Resources: Economics of Pesticides, Sustainable Food Production and Organic Food Markets, Volume 4*, Elsevier Science Ltd., New York, NY 2002.

Gelijns, A, J Graff Zivin, and R Nelson, "Uncertainty and Technological Change in Medicine," *Journal of Health Politics, Policy, and Law* 26(2001): 913-924.

Graff Zivin, J, "Cost-Effectiveness Analysis with Risk Aversion," *Health Economics* 10(2001): 499-508.

Sunding, D, and J Zivin, "Insect Population Dynamics, Pesticide Use and Farmworker Health," *American Journal of Agricultural Economics* 82(2000): 527-540.

Zivin, J, B Hueth, and D Zilberman, "Managing a Multiple Use Resource: The Case of Feral Pig Management in California Rangeland," *Journal of Environmental Economics and Management* 39(2000): 189-204.

Moskowitz, A, D Williams, A Tierney, R Levitan, J Zivin, and A Gelijns, "Economic Considerations of Left Ventricular Assist Device (LVAD) Implantation," in M. Oz and D. Goldstein (Eds.), *Cardiac Assist Devices*, Futura Publishing Company, Inc., Armonk, NY, December 1999.

Zivin, J, D Zilberman, and J Siebert, "Agriculture at the Urban Fringe: A Competition for Scarce Resources," *California Agriculture: Issues and Challenges*, A Publication for the Association of Agricultural Economists XXIII Conference, Giannini Foundation, University of California, Berkeley, August 1997.

Zilberman, D, J Siebert, and J Zivin, "Externalities in California Agriculture," *California Agriculture: Issues and Challenges*, A Publication for the Association of Agricultural Economists XXIII Conference, Giannini Foundation, University of California, Berkeley, August 1997.

Zivin, J, "El Optimo Diseño de los Dias de Carencia," *Chile Agrícola*, Santiago, Chile, Noviembre-Diciembre 1995.

Articles in Submission

Graff Zivin J and L Lipper, "Poverty, Risk, and the Adoption of Soil Carbon Sequestration," under revision *Environment and Development Economics*.

Graff Zivin, J, H Thirumurthy, M Goldstein "AIDS Treatment and Intrahousehold Resource Allocations: Children's Nutrition and Schooling in Kenya," NBER Working Paper #12689, under review.

Grann, V, Anderson, K, Graff Zivin, J, Jacobson, J, Heitjan, D, Hershman, D, and A Neugut, "Cost-effectiveness of Genetic Testing for Single Mutations of BRCA1/2 in an Unaffected Population of Ashkenazi Jewish Women," under review.

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Sheinfeld Gorin S, A Ashford, R Lantigua, J Graff Zivin, F Hajiani, R Franco, C Zhu, and D Gemson, “Outcomes of a Trial to Change Primary Care Physicians’ Colorectal Cancer Screening Practices,” under review.

Research in Progress

Azoulay, P and J Graff Zivin, “Peer Effects in the Workplace: Evidence from Star Extinction.”

Goldstein, M, J Graff Zivin, J Habyarimana, C Pop-Eleches, and H Thirumurthy, “AIDS Treatment Programs and Sexual Behavior.”

Damon, M and J Graff Zivin, “Health Shocks and Environmental Stewardship”

Graff Zivin, J Medical Technology Adoption, Uncertainty, and Irreversibilities: Is a Bird in the Hand Really Worth More Than the Bush?

Azoulay, P, J Graff Zivin, and G Manso, “Incentives and Creativity: Evidence from the Howard Hughes Medical Investigator Program.”

Glied, S and J Graff Zivin, “Modeling Employer Decisions to Offer Health Insurance.”

Graff Zivin, J and S Glied, “Decisions to Offer Health Insurance.”

Graff Zivin, J, H Thirumurthy, K Klein, and M Goldstein, “HIV infection and the transmission of tuberculosis within households: evidence from Kenya”

Popular Media Appearances

Publications:

Graff Zivin J, M Nangami and H Thirumurthy, “Antiretroviral Treatment Improves Health of Economy” *Daily Nation: Kenya’s Premier Newspaper*, May 30, 2006.

Published Work Citations

Thirumurthy H, J Graff Zivin and M Goldstein, “The Economic Impact of AIDS Treatment: Labor Supply in Western Kenya” NBER Working Paper #11871, results cited in the International Labour Organization press release for World AIDS Day 2006

Khan, K, P Muennig, M Behta, and J Graff Zivin, “Globalization and Infectious Diseases: Integrating Country of Origin into the Clinical Management of Latent Tuberculosis Infection,” *New England Journal of Medicine*, 347(2002): 1850-1859, received coverage from the Associated Press, the Canadian Press, and HealthScout, which appeared in numerous press outlets on December 5th and 6th, including the New York Times, National Public Radio, CNN, NIH Medline Plus, and the Centers for Disease Control Prevention Information Network.

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Personal Citations

“Self-Referrals Go On, to Dismay of Lawmaker who Fought for End,” The Houston Chronicle, November 11, 2001.

“Counting the Minutes with Managed Care,” ABCnews.com, January 17, 2001.

Grant Support

Estimating the Effect of Exposure to Superstar Scientists: Evidence from Academia and the Biopharmaceutical Sector, National Science Foundation, Principal Investigator, 2007-2010.

Incentives and Creativity: Theory and Evidence, NBER Innovation Policy and the Economy Program, Co-Principal Investigator, 2007-2008

Adherence to ARV Treatment and its Effects on Socio-Economic Outcomes: Evidence from Western Kenya, World Bank, Co-Principal Investigator, 2007-2008.

HIV Testing and Behavioral Change, Hewlett Foundation, Co-Principal Investigator, 2007.

Determinants of the Adherence to AIDS Treatment Economic in Western Kenya, World Bank, Principal Investigator, 2006.

The Economic Impacts of Disease and Treatment on Household Welfare in North Rift region of Kenya, USAID, Principal Investigator, 2005-2006.

Uncertainty in Cost Effectiveness Analysis, Agency for Healthcare Research and Quality, Principal Investigator, 2003-2006.

The Columbia-Stanford Consortium on Pharmaceutical Innovation, The Merck Company Foundation, Principal Investigator and Director, 2002-2005.

Dissemination of Cervical Cancer Screening to Primary Care Physicians, Centers for Disease Control, Investigator, 2001-2006.

The Economic Impacts of Disease and Treatment on Household Welfare in North Rift region of Kenya, World Bank, Principal Investigator, 2004-2005.

The Economic Impacts of Disease and Treatment on Household Welfare in North Rift region of Kenya, Pfizer Inc., Principal Investigator, 2004-2005.

Economic Impacts of HIV/AIDS and Treatment, The Economic and Social Research Council, Investigator, 2003-2004.

Reporting Systems and Learning: Best Practices, Agency for Healthcare Research and Quality, Investigator, 2001-2004.

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The REMATCH Trial, National Heart, Lung, and Blood Institute, Investigator, 1997-2002.

Protocol Design for Ventricular Assist Device Trial, Arrow Lionhart Corporation, Investigator, 2002.

The Role of Patients in the Production of their own Health, Institute for Social and Economic Research and Policy, Principal Investigator, 2001.

Therapeutic Decision Making for DCIS: The Role of Risk Preferences, American Cancer Society, Principal Investigator, 1999-2000.

Consultancies:

Social and Scientific Systems, Community Programs for Clinical Research on AIDS, 2001-2005.

The Pew Charitable Trusts, Project on Medical Liability in Pennsylvania, 2002-2004.

Food and Agriculture Organization of the United Nations, Poverty Alleviation Through Soil Carbon Sequestration, 2001-2002.

Teaching Experience:

Natural Resource and Environmental Economics (PhD-level, Economics)

Cost Benefit Analysis and Health (Masters-level, Public Health/Public Policy)

Introduction to Health Economics (Masters-level, Public Health)

Program Evaluation (Masters-level, Public Health)

Advanced Health Economics (Masters-level, Public Health)

Approaches to Conservation Economics: (Certificate Program, Ecology)

Doctoral Committees:

Shubha Chakravarty, Economics, present

Maloke Efimba, Public Health (sponsor), present

Tae Hi Kim, Public Health (sponsor), 2006.

Regina Almeyda-Doran, Economics, 2006

Prea Gulati, Public Health, 2004

Wahida Karmally, Public Health, 2003

Sangeeta Goyal, Economics, 2003

Seth Seabury, Economics (co-sponsor), 2002

Robert Graboyes, Economics, 2000

Mark Stabile, Economics, 1999

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Masters Tutorial Advising

Eliza Ng, 2004

Kenneth Jaffe, 2004

Carolyn Shih, 2003

Peter Angevine, 2003

Ramin Mojtabai, 2002

Scott Devine, 2002

Kamran Khan, 2001

Sangeeth Gnanasekaran, 2001

Professional Activities

Member, Steering Committee for NSF Expert Roundtable on Critical Research Priorities in Sustainable Development, 2007 – present.

Member, MTCT-Plus Initiative Secretariat, 2002 – present

Editorial Board, Medical Spectator, 2001 – present.

Member, Health Impact of Pesticides Network, Food and Agriculture Organization, United Nations Development Program, and the World Bank, 2001 – present.

Referee Panel, NHS R&D Health Technology Assessment Programme, 2000 – present.

Health Services Research Symposium Planning Committee, Greater New York Hospital Foundation, Inc., 1998 - 2001.

Reviewer (Articles and Proposals)

American Journal of Agricultural Economics, American Journal of Public Health, Annals of Internal Medicine; The B.E. Journals in Economic Analysis and Policy; Energy and Resource Economics; Environment and Development Economics; Health Economics; JAMA; Journal of Econometrics; Journal of Economics and Management Strategy; Journal of Environmental Economics and Management; Journal of Health Economics; Journal of Health, Politics, Policy, and Law; Journal of Human Resources; The Journal of Thoracic and Cardiovascular Surgery; Medical Decision Making; National Institutes of Health; Natural Resource Modeling; National Tax Journal; Quarterly Journal of Economics; Review of Economics of the Household; Social, Science, and Medicine; U.S. Civilian Research and Development Foundation; U.S. Environmental Protection Agency; Water Resources Research.

Departmental and University Committees

Research Affiliate, Center for Interdisciplinary Research on Antimicrobial Resistance, Columbia University, 2005 – present.

Member, Department Curriculum Committee, Department of Health Policy & Management, 2004 – present.

Research Affiliate, Center on Globalization and Sustainable Development, Columbia University, 2004 – present

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Member, Junior Faculty Recruitment Committee, Department of Health Policy & Management, 2003 – present.

Co-Founder and Executive Committee Member, Center for Economy, Environment, and Society, Earth Institute, 2002 – present

Faculty Member, Center for Infectious Disease Epidemiologic Research, Mailman School of Public Health, 2002 – present.

Member, Mailman School of Public Health, Subcommittee on the Department of Sociomedical Sciences Ph.D. Program, 2001 – present.

Member, Mailman School of Public Health, Subcommittee on Junior Faculty Development, 2001 – present.

Co-Organizer, Applied Microeconomics Seminar, Columbia University, 2001 - 2004.

Co-Organizer, Environmental Economics Seminar, Columbia University, 1999 - 2001.

Invited Lectures, Seminars, and Conference Presentations:

2007: Harvard/Boston University, Population Association of America Annual Meeting (New York), NBER Health Economics Summer Institute, NBER Personnel Economics Summer Institute

2005-2006: NBER Health Care Meeting, University of Maryland, University of Pittsburgh, University of Central Florida, RAND, Greenhouse Gas Management International Policy Forum (Victoria) International Health Economics Association Annual Meeting (Barcelona)

2003-2004: University of Michigan, Case Western Reserve University, NBER Environmental Economics Meeting, NBER Health Economics Summer Institute, Robert Wood Johnson Foundation, University of Massachusetts, Columbia University, American Agricultural Economics Association Meeting (Montreal), Merck Foundation Annual Meeting, Occasional Environmental Economics Conference (UC Santa Barbara),

2001-2002: NBER Health Care Meeting, NBER Environmental Economics Summer Institute, The Second World Congress of Environmental and Resource Economists (Monterey), UN Food and Agriculture Organization (Rome), American Agricultural Economics Association Meeting (Long Beach), Economic Valuation of Health for Environmental Policy: Assessing Alternative Approaches Conference (Orlando),

1998-2000: NBER Environmental Economics Summer Institute, New York Federal Reserve Bank, American Economic Association Meetings (Chicago), Yale University, American Public Health Association (Boston), Columbia College of Physicians and Surgeons, Cornell University School of Medicine, Mt. Sinai School of Medicine