

Neeraj Sood

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EDUCATION:

Ph.D., Policy Analysis, 2003, RAND Graduate School, Santa Monica, California
Master of Arts in Economics, 1999, Indiana University, Indiana
Master of Arts in Economics, 1997, Delhi School of Economics, New Delhi, India
Bachelor of Arts in Economics, 1994, Delhi University, New Delhi, India

PROFESSIONAL EXPERIENCE:

2007 - Present: Full Economist, RAND Corporation, Santa Monica, CA
2006 - Present: Managing Editor, Forums for Health Economics and Policy, Berkley Electronic Press, California
2005 - Present: Faculty Research Fellow, National Bureau of Economic Research (NBER), Cambridge, MA
2004 - Present: Professor, RAND Graduate School, Santa Monica, CA
2003 - 2006: Associate Economist, RAND Corporation, Santa Monica, CA
1999 - 2003: Doctoral Fellow, RAND Graduate School, Santa Monica, CA
1999 - 1999: Consultant, Medfocus, Des Plaines, IL. Worked as consultant for the Health Outcomes Evaluation Group, Eli Lilly, Indianapolis, IN.
1998 - 1999: Research Assistant, Indiana Univ. Purdue Univ. Indianapolis (IUPUI), Indianapolis IN.
1994 - 1995: Staff Accountant, Arthur Andersen, New Delhi, India

PEER REVIEWED PUBLICATIONS:

Economics Journals

1. **Neeraj Sood**, Melinda Beeuwkes Buntin and Jose Escarce (2007) "Does How Much and How You Pay Matter? Evidence form the Inpatient Rehabilitation Facility Prospective Payment System and Costs of Care," forthcoming, *Journal of Health Economics*.
2. Arleen Leibowitz and **Neeraj Sood** (2007) "Market Power and State Costs of HIV/ AIDS Drugs," *International Journal of Health Care Finance and Economics*, Vol. 7 (1), pp 59-71.
3. Arkadipta Ghosh, **Neeraj Sood** and Arleen Leibowitz (2007) "The Effect of State Cost Containment Strategies on the Insurance Status and Use of Antiretroviral Therapy (HAART) for HIV Infected People," *Forum for Health Economics & Policy: (Economics of the HIV Epidemic)* Vol. 10: Issue. 2, Article 3.
4. **Neeraj Sood** and Arkadipta Ghosh (2007) "The Short and Long Run Effects of Daylight Saving Time on Fatal Automobile Crashes," *The B.E. Journal of Economic Analysis & Policy: (Contributions)*, Vol. 7 (1), Article 11.
5. Dana Goldman, Geoffrey Joyce, Pinar Karaca-Mandic, **Neeraj Sood** (2007), "Adverse Selection in Retiree Prescription Drug Plans," *Forum for Health Economics & Policy: (Frontiers in Health Policy Research)* Vol. 9: Issue. 1, Article 4.

6. Jayanta Bhattacharya and **Neeraj Sood** (2006), "Health Insurance and the Obesity Externality," *Advances in Health Economics and Health Services Research*, Vol. 17- The Economics of Obesity, pp 281 - 321.
7. Darius Lakdawalla, **Neeraj Sood**, Dana Goldman (2006), "HIV Treatment Breakthroughs and Risky Sexual Behavior," *Quarterly Journal of Economics*, Vol. 121, pp 1063 - 1102.
8. Dana Goldman, **Neeraj Sood**, and Arleen Leibowitz (2005), "Reallocation of Compensation in Response to Rising Health Insurance Premiums," *Economics Letters*, Vol. 88, pp 147 - 151.
9. Bernard Friedman, **Neeraj Sood**, Kelly Engstrom and Diane McKenzie (2004), "New Evidence on Hospital Profitability by Payer Group and the Effects of Payer Generosity," *International Journal of Health Care Finance and Economics*, Vol. 4, pp 231-246.
10. Jayanta Bhattacharya, Dana Goldman and **Neeraj Sood** (2004), "Price Regulation of Secondary Life Insurance Markets," *Journal of Risk and Insurance*, Vol. 71, pp 643 - 675.
11. Darius Lakdawalla and **Neeraj Sood** (2004), "Social Insurance and the Design of Innovation Policy," *Economic Letters*, Vol. 85, pp 57-61.
12. Jayanta Bhattacharya, Dana Goldman and **Neeraj Sood** (2003), "The Link between Private and Public Insurance and HIV-Related Mortality," *Journal of Health Economics*, Vol. 22, pp 1105 - 1122.
13. Jayanta Bhattacharya, Michael Schoenbaum and **Neeraj Sood** (2002), "Optimal Contributions to Flexible Spending Accounts," *Economic Letters*, Vol. 76, pp 129 - 135.

Medical and Health Policy Journals

14. Ashlesha Datar, Arnab Mukherji, **Neeraj Sood** (2007), "Health Infrastructure and Immunization Coverage in Rural India," *Indian Journal of Medical Research*, Vol. 125 (1), pp 29 - 40.
15. Dana Goldman, James Smith and **Neeraj Sood** (2006), "Immigrants and the Costs of Medical Care," *Health Affairs*, Vol. 25 (6), pp 1700 - 1711.
16. Dana Goldman and **Neeraj Sood** (2006), "Rising Medicare Costs: Are We in Crisis?" *Health Affairs*, Vol. 25, (published online 22 August 2006; 10.1377/hlthaff.25.w389).
17. Ashlesha Datar and **Neeraj Sood** (2006), "Impact of Postpartum Hospital Stay Legislation on Newborn Length of Stay, Readmission and Mortality in California," *Pediatrics*, Vol. 118 (1), pp 63 - 72.
18. Dana Goldman, James Smith and **Neeraj Sood** (2005), "Legal Status and Health Insurance Among Immigrants," *Health Affairs*, Vol. 24, pp 1640-53.
19. **Neeraj Sood**, Michael Treglia, Robert L. Obenchain and Thomas W. Croghan (1999), "Determinants of Antidepressant Treatment Outcome," *American Journal of Managed Care*, Vol. 6 (12), pp 1327 - 1336.

Under Review:

1. "The Effects of Medicare Part D on Pharmaceutical R&D," (2008) with Margaret Blume-Kohout, RAND mimeo (revise and resubmit *Journal of Health Economics*).

2. "The Welfare Effects of Public Prescription Drug Insurance," (2008) with Darius Lakdawalla, RAND mimeo (revise and resubmit *Journal of Public Economics*).
3. "Criminal Prosecution and HIV Related Risky Behavior," (2008) with Adeline Delavande and Dana Goldman, *National Bureau of Economic Research (NBER), Working Paper Series*, No. 12903, Cambridge, Massachusetts (revise and resubmit *Journal of Law and Economics*).
4. "Misperceived Prices and Mistaken Mortality Risks," (2008) with Jay Bhattacharya and Dana Goldman, *National Bureau of Economic Research (NBER), Working Paper Series*, Cambridge, Massachusetts (revise and resubmit *Journal of Economic Behavior and Organization*).
5. "The Effects of Health Care Costs on the US Economy," (2008) with Jose Escarce and Arkadipta Ghosh, RAND mimeo (submitted to *New England Journal of Medicine*).
6. "The Welfare Effects of European Pharmaceutical Policy," (2008) with Ze Cong, Dana Goldman, Darius Lakdawalla and Pierre-Carl Michaud, RAND mimeo (submitted to *Health Affairs*).
7. "U.S. Pharmaceutical Policy in a Global Marketplace," (2008) with Ze Cong, Dana Goldman, Darius Lakdawalla and Pierre-Carl Michaud, RAND mimeo (submitted to *Health Affairs*).
8. "Mortality Risks, Health Endowments and Parental Investments: Evidence from Rural India," (2007) with Ashlesha Datar and Arkadipta Ghosh, *National Bureau of Economic Research (NBER), Working Paper Series*, No. 13649, Cambridge, Massachusetts (submitted to *Journal of Development Economics*).
9. "Estimating the Health Effects of New Drugs," (2006) with Ze Cong, Dana Goldman, Darius Lakdawalla and Pierre-Carl Michaud, RAND mimeo (submitted to *Health Affairs*).
10. "The Effect of Pharmaceutical Regulation on Revenues," (2006) with Han De Vries, Dana Goldman, Italo Gutierrez, and Darius Lakdawalla, RAND mimeo (submitted to *Health Affairs*).

BOOK CHAPTERS AND REPORTS:

1. "Comparison of Medicare Spending and Outcomes for Beneficiaries with Lower Extremity Joint Replacements," (2005) with Melinda Beeuwkes Buntin, Partha Deb, José J. Escarce, Carrie Hoverman and Susan M. Paddock, Medicare Payment Advisory Commission, Washington DC.
2. "Wage and Benefit Changes in Response to Rising Health Insurance Costs," (2004) with Dana Goldman and Arleen Leibowitz, *Frontiers in Health Policy Research*, Vol 9, edited by David Cutler and Alan Garber, Berkley Electronic Press.
3. "Health Insurance, Obesity, and Its Economic Costs," (2004), with Jay Bhattacharya, in *Economics of Obesity*, edited by Tomas Philipson et al, Economic Research Service, USDA, Washington D.C.

4. "Consequences of Health Insurance Premium Regulation in California," (2004), with Abby Alpert, Dana Goldman, Mary Vaiana, California Health Care Foundation, San Francisco, California.

RAND PUBLICATIONS:

1. "A Comparison of Health Systems in India and China," (2007) with Sai Ma, RAND OP-212, RAND Corporation, Santa Monica, California.
2. "Effects of Health Care Costs on the U.S. Economy," (2007) with Arkadipta Ghosh and Jose Escarce, RAND WR-538-ASPE, RAND Corporation, Santa Monica, California.
3. "Management Options for increasing recruiter productivity," (2001), with James Dertouzos, Steven Garber, RAND AB-504, RAND Corporation, Santa Monica, California.
4. "Interim Report on an Inpatient Rehabilitation Facility Prospective Payment System," (2001), with Grace M. Carter, Daniel A. Relles, Barbara Wynn, Jennifer Kawata, Susan Paddock, Mark Totten, RAND MR-1503-HCFA, RAND Corporation, Santa Monica, California.

RESEARCH GRANTS:

1. Principal Investigator, "Economics of Obesity," \$130,000 from Stanford University, March 2008 to September 2009.
2. Principal Investigator, "Regulating Health Insurance Premiums: Promises and Pitfalls," \$175,000 from California HealthCare Foundation, February 2008 to September 2008.
3. Principal Investigator, "Economic and Health Impact of Increased Consumer Access to Pharmaceuticals," \$270,000 from ASPE, Department of Health and Human Services, October 2007 to June 2008.
4. Principal Investigator, "Health Care Costs and the US Economy," \$204,000 from ASPE, Department of Health and Human Services, September 2006 to June 2007.
5. Principal Investigator, "Medi-Cal Redesign and the HIV+ population," \$60,000 from the University of California Los Angeles, July 2005 to May 2006.
6. Co-Principal Investigator (with D. Goldman (PI) and D. Lakdawalla), "Innovation and Public Policy," \$1,900,000 from Pfizer Inc, September 2005 to August 2007.
7. Co-Principal Investigator (with D. Goldman), "An Investigation of the Viatical Settlements Market," \$950,000 from National Institute for Aging (NIA), September 2003 to September 2005.
8. Principal Investigator, "Universal Immunization in India," \$154,000 from RAND Corporation, September 2004 to September 2005.
9. Principal Investigator, "Early Discharge and Infant Mortality," \$180,000 from National Institute for Child and Human Development (NICHD), September 2003 to September 2005.
10. Principal Investigator, "The California ADAP Research Initiative," \$60,000 from the University of California Los Angeles, July 2003 to November, 2004.

11. Principal Investigator (with D. Goldman), "The Consequences of Premium Regulation in California," \$95,000 from the California Health Care Foundation, July 2003 to December 2003.

PATENTS PENDING:

Health Cost Calculator/ Flexible Spending Account Calculator, March 2001

ACADEMIC HONORS:

- Fellowship in Behavioral Health Sciences and Policy (2002), University of California Los Angeles, Los Angeles, California
- General Distinction, Qualifying Examinations for Ph.D. in Policy Analysis (2001), RAND Graduate School, Santa Monica, California.
- National Fellowship from the Center for Advanced Study (1995-1997), Delhi University, India.

PROFESSIONAL ACTIVITIES:

- Referee for *Quarterly Journal of Economics*, *Economic Journal*, *Journal of Human Resources*, *Journal of Health Economics*, *Journal of Public Economics*, *Journal of American Medical Association (JAMA)*, *Health Affairs*, *Health Services Search*, *Social Science and Medicine*, *Journal of Policy Analysis and Management*, *American Journal of Agricultural Economics*, *Contemporary Economic Policy*, *Journal of Human Capital*, *Lancet*, *Medical Decisionmaking*
- Grant reviewer for National Science Foundation (NSF), Social Sciences and Humanities Research Council of Canada

WORKING PAPERS:

1. "Health Insurance as a Two Part Pricing Contract," (2006) with Darius Lakdawalla, *National Bureau of Economic Research (NBER), Working Paper Series*, No. 12681, Cambridge, Massachusetts.
2. "Technology, Monopoly, and the Decline of Viatical Settlements Market," (2005) with Abby Alpert and Jay Bhattacharya, *National Bureau of Economic Research (NBER), Working Paper Series*, No. 11164, Cambridge, Massachusetts.

CONFERENCES AND PRESENTATIONS:

1. "Health Insurance, Administrative Costs and Profits," June 2008, Legislative briefing at the California Capitol Hill organized by California Health Care Foundation, Sacramento, California.
2. "Welfare Effects of Public Prescription Drug Insurance," June 2008 at ASHE, Duke University, NC.
3. "Welfare Effects of Public Prescription Drug Insurance," October 2007 at Cornell University, Ithaca, NY.

4. "Health Care Cost Growth and the U.S. Economy," September 2007 at ASPE, Department of Health and Human Services, Washington, DC.
5. "Welfare Effects of Medicare Part D," July 2007 at the 28th National Bureau of Economic Research (NBER) Summer Institute, Cambridge, Massachusetts.
6. "Pharmaceutical Regulation, Market size and Innovation HIV," November 2006, at the Pharmaceutical Economics and Policy Council, Paris, France.
7. "HIV Treatment Breakthroughs and Sexual Behavior Among the Uninfected," June 2006, at the American Society of Health Economists Annual Conference, Madison, Wisconsin.
8. "HIV Treatment Breakthroughs, Law Enforcement and Risky Sexual Behavior," May 2006, at the Department of Health Research and Policy, Stanford University, California.
9. "HIV and Medicaid Policy," April 2006 Legislative briefing at the California Capitol Hill organized by UARP and the Office of the President, University of California, Sacramento, California.
10. Discussant for "Are There Health Returns to Transfer Income? An Instrumental Variable Approach," by Kate Strully, March 2006 at the Population Association of America Annual Meeting, Los Angeles, California.
11. Discussant for "Welfare Reform and Indirect Impacts on Health," by Marianne Bitler and Hilary Hoynes, March 2006 at the Population Association of America Annual Meeting, Los Angeles, California.
12. "HIV and Medicaid Policy," February 2006 at the 21st UARP HIV/AIDS Biennial Investigators' Meeting, San Francisco, California.
13. "Insurance and Innovation in Health Care Markets," July 2005 at the 26th National Bureau of Economic Research (NBER) Summer Institute, Cambridge, Massachusetts.
14. Discussant for "Nursing Home Quality as a Public Good," by Grabowski et al., January 2005 at the American Economics Association Annual Meeting, Philadelphia, Pennsylvania.
15. Discussant for "Access to Care, Provider Choice and the Infant Health Gradient," by Anna Aizer, Adriana Lleras-Muney and Mark Stabile, January 2005 at the American Economics Association Annual Meeting, Philadelphia, PA..
16. "Immigrants, Their Legal Status, and Their Health Insurance," October 2004 at the ERIU workshop, University of Michigan, Ann Arbor, Michigan.
17. "HIV Treatment Breakthroughs and Risky Sexual Behavior," July 2004 at the 25th National Bureau of Economic Research (NBER) Summer Institute, Cambridge, Massachusetts.
18. "The Reallocation of Compensation in Response to Health Insurance Premium Increases," May 2004 at the Frontiers in Health Policy Research conference, NBER, Washington D.C.
19. "HIV Treatment Breakthroughs and Risky Sexual Activity," April 2004 at the 15th Annual Health Economics Conference, University of Alabama at Birmingham, Birmingham, Alabama.

20. Member of expert panel at the "ADAP Think Tank and Collaborative" meeting held on September 2003, organized by the Universitywide AIDS Research Programs, Santa Monica, CA
21. "Evaluating Price Changes in the Viatical Settlements Market," June 2003 at the International Health Economics Association, 4th World Congress, San Francisco, CA.
22. Discussant for "Insurance and Child Mortality," by Will Dow et al., June 2003 at the 14th Annual Health Economics Conference, RAND Corporation, Santa Monica, CA.
23. "Price Regulation of Secondary Life Insurance Markets," June 2002 at the 13th Annual Health Economics Conference, Carnegie Mellon University, Pittsburgh, PA.
24. "Outlier Payment Policies," June 2000 at the Technical Expert Panel Meeting --Designing a Prospective Payment System for Inpatient Rehabilitation Facilities, Santa Monica, CA
25. "Evaluating Provider Payment Schemes for the Provision of Health Services," June 1999 at the Association of Health Services Researchers (AHSR) Annual Conference, Chicago, IL