Partha Deb

October 2012

Department of Economics Hunter College 695 Park Avenue, West 1529 New York NY 10065 USA	ollege Fax (212) 772-5398 Avenue, West 1529 partha.deb@hunter.cuny.edu	
Education		
Ph.D., Economics	Rutgers University, New Brunswick	1991
M.A., Economics	Rutgers University, New Brunswick	1988
B.Sc., Economics (Honours)	Calcutta University, Calcutta, India	1986
Current Appointments		
Professor	Departments of Economics, Hunter College and Graduate Center, City University of New York	the 2007 - present
Senior Advisor	Center for Medicare and Medicaid Innovation, Department of Health and Human Services	2011 - present
Research Associate	National Bureau of Economic Research	2008 - present
Faculty Fellow	Brookdale Center for Healthy Aging and Longev Hunter College	vity, 2010 - present
Adjunct Professor	School of Public Health, Hunter College	2009 - present
Prior Appointments		
Visiting Professor	Department of Health Policy and Management, University	Yale 2008 - 2009
Research Economist	National Bureau of Economic Research	2006 - 2008
Associate Professor	Departments of Economics, Hunter College and Graduate Center, City University of New York	the 2002 - 2006
Associate Professor	Department of Economics, Indiana University-I University Indianapolis (IUPUI)	Purdue 1998 - 2002
Visiting Associate Professor	Department of Health Care Policy, Harvard Med School	lical 1999 - 2000
Research Affiliate	Bowen Research Center, Indiana University	1997 - 2002
Assistant Professor	Department of Economics, IUPUI	1991 - 1998
Visiting Assistant Professor	Department of Economics, University of Illinois Urbana-Champaign	at 1995 - 1995
Teaching Fellow	Department of Economics, Rutgers University	1988 - 1991

Research Assistant	Department of Economics, Rutgers University	1988 - 1991
Research Assistant	Center for Business and Government Research, Baruch College, City University of New York	1988 - 1989
Research Assistant	Department of Economics, Rutgers University	1987 - 1988
Teaching Assistant	Department of Economics, Rutgers University	1986 - 1987

Major Administrative Responsibilities

Director of Graduate Studies	Department of Economics, Hunter College	2010 - present
Director of Graduate Studies	Department of Economics, IUPUI.	1995 - 2002

Honors and Awards

Salute to Scholars Award, City University of New York	
Presidential Award for Excellence in Scholarship, Hunter College	
Salute to Scholars Award, City University of New York	2009
Salute to Scholars Award, City University of New York	2004
Teaching Excellence Recognition Award, IUPUI	1998
Teaching Excellence Recognition Award, IUPUI	1997
Teachers Ranked as Excellent by Their Students, (<i>Daily Illini</i> , October 26), University of Illinois	1995

Professional Activities

Editorial board

Health Services Research

Journal review

American Economic Review Journal of Econometrics Econometrics Journal Journal of Health Economics Journal of Human Resources **Economics Letters** Empirical Economics Journal of Mental Health Policy and Economics *Journal of the Manchester School* Health Economics Health Services Research Journal of Population Economics Labour Journal of Productivity Analysis Medical Care Nonprofit Management and Leadership Medical Decision Making Review of Economics and Statistics Review of Financial Economics Journal of Applied Econometrics Journal of Behavioral Health Services & Research Social Science and Medicine Journal of Business and Economic Statistics Southern Economic Journal Journal of Economic and Management Strategy

Grant Review

National Institutes for Aging - Reviewer, 2009 - 2011

Grants

Co-investigator, "Comparative Effectiveness of Intensive Home Health and MD Visits in Heart Failure", Chris Murtaugh, PI, \$113,847 from the Agency for Health Care Policy and Research	2011-2014
Co-investigator, "Racial Disparities, Survival & Secondary Debulking for Ovarian Cancer", Nina Bickell, PI, \$288,990 from the National Cancer Institute	2011-2013
Co-investigator, "Pricing of Major Cancer Surgeries: Impact of Insurance, Outcomes, and Severity", Avi Dor, PI, \$991,527 from the National Cancer Institute	2009-2011
Co-principal investigator, "Collaborative Research: Robust Estimation Methods for Finite Mixture of Generalized Linear Models with Applications in Heath Economics" T.N. Sriram, PI, \$48,488 from the National Security Agency	2009 - 2010
Co-principal investigator, "Employment Status and Food Stamp Program Participation as Determinants of Eating Patterns among Low Income Households" Geetha Waehrer, PI, \$150,000 from the United State Department of Agriculture	2007 - 2009
Consultant, "Medicare and Disparities in Health", Sandra Decker, PI, \$10,000 (subcontract portion) from the Robert Wood Johnson Foundation	2003 - 2004
Co-principal investigator, "Health Plan Choice and Utilization: The Role of Attributes", Pravin Trivedi, PI, \$98,243 from the Robert Wood Johnson Foundation	2002 - 2004
Co-principal investigator, "The Impact of Managed Care on the Demand for Preventive and Curative Medical Services", Pravin Trivedi, PI, \$283,533 from the Agency for Health Care Policy and Research, Department of Health and Human Services	2001 - 2003
Principal investigator, "Finite Mixture Models for Health Care Expenditures", \$21,202 from Department of Veterans Affairs, Management Science Group	2001
Co-principal investigator, "Latent Class Analysis of the Demand for Health Care Services", Pravin Trivedi, PI, \$47,627 from the Agency for Health Care Policy and Research, Department of Health and Human Services	1998 - 1999
Core Faculty, "Program for Services Research on Severe Mental Illness" Bernice Pescosolido, PI, \$300,000 per year from the National Institutes of Mental Health	1994 - 1998
Co-principal investigator, "Economic Consequences of Diabetes", Jennifer Mayfield, PI, \$119,395 from the National Institutes of Health	1995 - 1996
Co-investigator, "Indiana Diabetes Control Plan", Robert Saywell, PI, \$124,900 from the Indiana State Department of Health	1995 - 1996
Consultant, "Health Insurance and Medical Expenses of the Disabled" Virginia Wilcox-Gök, PI, \$50,000 from the Agency for Health Care Policy and Research, Department of Health and Human Services	1995 - 1996

Co-principal investigator, "Econometric Models of Commodity Price Volatility" with Pravin K. Trivedi, \$4,870 from the Intercampus Research Fund at Indiana University

Core Faculty, "Central State Hospital Tracking Service and Research Project", Indiana 1993 Division of Mental Health

Publications

Journal Articles

- 1. Markowitz, S. E. Nesson, E. Poe-Yamagata, C. Florence, P. **Deb**, T. Andrews and S. Barnett (2012), Estimating the Relationship between Alcohol Policies and Criminal Violence and Victimization, *German Economic Review*, 13(4), 416–435.
- 2. Ayyagari, P., P. **Deb**, J. M. Fletcher, W. T. Gallo, and J. L. Sindelar (2011), Understanding heterogeneity in price elasticities in the demand for alcohol for older individuals, *Health Economics*, Early Online, DOI: 10.1002/hec.1817.
- 3. **Deb**, P., W. T. Gallo, P. Ayyagari, J. M. Fletcher and J. L. Sindelar (2011), The Effect of Job Loss on Overweight and Drinking, *Journal of Health Economics*, 30, 317–327.
- 4. Penrod J. D., P. **Deb**, C. Dellenbaugh, J. F. Burgess, C. Zhu, C. L. Christiansen, C. Luhrs, T. B. Cortez, E. Livote, R. S. Morrison (2010), Hospital-based Palliative Care: Effects on Hospital Costs, *Journal of Palliative Medicine*, 13, 973-979.
- 5. Buntin, M. B., C. H. Colla, P. **Deb**, N. Sood and J. J. Escarce (2010), Medicare Spending and Outcomes after Post-Acute Care for Stroke and Hip Fracture, *Medical Care*, 48, 776–784.
- 6. **Deb**, P., C. Okten and U. Osili (2010), Giving to Family versus Giving to the Community, *Journal of Population Economics*, 23, 963-987.
- 7. **Deb**, P. and P. K. Trivedi (2009), Provider Networks and Primary Care Signups: Do They Restrict the Use of Medical Services?, *Health Economics*, 18, 1361-1380.
- 8. Penrod, J. D., N. E. Goldstein and P. **Deb** (2009), When and How to Use Instrumental Variables in Palliative Care Research, *Journal of Palliative Medicine*, 12, 471-474.
- 9. Selck, F. W, P. **Deb** and E. B. Grossman (2008), Deceased organ donor characteristics and clinical interventions associated with organ yield, *American Journal of Transplantation*, 8, 965–974.
- 10. Atella, V. and P. **Deb** (2008), Are Primary Care Physicians, Public and Private Sector Specialists Substitutes or Complements? Evidence from a Simultaneous Equations Model for Count Data, *Journal of Health Economics*, 27, 770-785.
- 11. **Deb**, P., and P. K. Trivedi (2006), Maximum Simulated Likelihood Estimation of a Negative-binomial Regression Model with Multinomial Endogenous Treatment, *The Stata Journal*, 6, 246-255.
- 12. Penrod, J. D., P. **Deb**, C. Luhrs, C. Dellenbaugh, C. W. Zhu, T. Hochman, M. L. Maciejewski, E. Granieri, R. S. Morrison (2006), Cost and Utilization Outcomes of Patients Receiving Hospital-Based Palliative Care Consultation, *Journal of Palliative Medicine*, 9, 855-860.

- 13. **Deb**, P., M. K. Munkin and P. K. Trivedi (2006), Private Insurance, Selection, and Health Care Use: A Bayesian Analysis, *Journal of Business and Economic Statistics*, 24, 403-415.
- 14. **Deb**, P., and P. K. Trivedi (2006), Restrictions on Provider Access in Health Plans and Socioeconomic Status, *Health Services Research*, 41, 1821-1846.
- 15. **Deb**, P., M. K. Munkin and P. K. Trivedi (2006), Bayesian Analysis of the Two-Part Model with Endogeneity: Application to Health Care Expenditures, *Journal of Applied Econometrics*, 21, 1081-1099.
- 16. **Deb**, P., and P. K. Trivedi (2006), Specification and Simulated Likelihood Estimation of a Non-normal Treatment-outcome Model with Selection: Application to Health Care Utilization, *Econometrics Journal*, 9, 307-331.
- 17. **Deb**, P., C. Li, P. K. Trivedi and D. Zimmer (2006), The Effect of Managed Care on Use of Health Care Services: Results from Two Contemporaneous Household Surveys, *Health Economics*, 15, 743-760.
- 18. Conway, K. and P. **Deb** (2005), Is Prenatal Care Really Ineffective? Or, is the 'Devil' in the Distribution?, *Journal of Health Economics*, 24, 489-513.
- 19. **Deb**, P., A. M. Holmes and R. N. Deliberty (2004), Performance Assessment in Community Mental Health Care and At-Risk Populations, *Health Care Financing Review*, 26, 75-84.
- 20. Atella, V., F. Brindisi, P. **Deb** and F. C. Rosati (2004), Determinants Of Access To Physician Services In Italy: A Latent Class Seemingly Unrelated Probit Approach, *Health Economics*, 13, 657–668.
- 21. **Deb**, P., A. M. Holmes and R. N. Deliberty (2004), Adjusting for Patient Characteristics and Selection Effects in Assessment of Community Mental Health Centers, *Medical Care*, 42, 251-258.
- 22. Holmes, A. M. and P. **Deb** (2003), The Effect of Chronic Illness on the Psychological Health of Family Members, *The Journal of Mental Health Economics and Policy*, 6, 13-22.
- 23. **Deb**, P., M. O. Wilhelm, P. M. Rooney and M. S. Brown (2003), Estimating Charitable Deductions in Giving USA, *Nonprofit and Voluntary Sector Quarterly*, 32, 548-567.
- 24. Darbar, S. and P. **Deb** (2002), Cross-market Correlations and Transmission of Information, *The Journal of Futures Markets*, 22, 1059-1082.
- 25. **Deb**, P. and P. K. Trivedi (2002), The Structure of Demand for Health Care: Latent Class versus Two-part Models, *Journal of Health Economics*, 21, 601-625.
- 26. **Deb**, P. (2001), A Discrete Random Effects Probit Model with Application to the Demand for Preventive Care, *Health Economics*, 10, 371-383.
- 27. **Deb**, P. and A. M. Holmes (2000), Estimates of Use and Costs of Behavioral Health Care: A Comparison of Standard and Finite Mixture Models, *Health Economics*, 9, 475-489.
- 28. Mayfield, J. A., P. **Deb** and L. Whitecotton (1999), Work disability and diabetes, *Diabetes Care*, 22, 1105-1109.
- 29. Holmes, A. M. and P. **Deb** (1998), Provider Choice and Use of Mental Health Care: Implications for Gatekeeper Models, *Health Services Research*, 33, 1263-1284.

- 30. **Deb**, P. and A. M. Holmes (1998), Substitution of Physicians and Other Providers in Mental Health Care, *Health Economics*, 7, 347-361.
- 31. Holmes, A. M. and P. **Deb** (1998), The Formal Mental Health Care Burden Among Recently Deinstitutionalized Patients, *Journal of Behavioral Health Services and Research*, 25, 346-356.
- 32. **Deb**, P. and A. M. Holmes (1998), Factors Influencing Informal Care-giving, *The Journal of Mental Health Economics and Policy*, 1, 77-78.
- 33. **Deb**, P. (1997), Finite Sample Properties of the ARCH Class of Models with Stochastic Volatility, *Economics Letters*, 55, 9-18.
- 34. Darbar, S. and P. **Deb** (1997), Co-movements in International Equity Markets, *Journal of Financial Research*, XX, 305-322.
- 35. **Deb**, P. and P. K. Trivedi (1997), Demand for Medical Care by the Elderly: A Finite Mixture Approach, *Journal of Applied Econometrics*, 12, 313-336.
- 36. **Deb**, P., P. K. Trivedi and P. Varangis (1996), The Excess Co-movement of Commodity Prices Reconsidered, *Journal of Applied Econometrics*, 11, 275-292.
- 37. **Deb**, P. (1996), Finite Sample Properties of the Maximum Likelihood Estimator of EGARCH Models, *Econometric Reviews*, 15, 51-68.
- 38. **Deb**, P., V. Wilcox-Gök, A. M. Holmes and J. Rubin (1996), Choice of Health Insurance by Families of the Mentally Ill, *Health Economics*, 5, 61-76.
- 39. **Deb**, P. and M. Sefton (1995), The Distribution of a Lagrange Multiplier Test of Normality, *Economics Letters*, 51, 123-130.
- 40. Darbar, S. M. and P. **Deb** (1995), Does Trading Volume Have a Unit Root?, *Applied Economics Letters*, 2, 144-147.

Chapters

- 1. Cosic, D. And **P. Deb** (2010), The Effects of Mortality Shocks on Household Spending on Education, Health and Nutrition, *Risk, Shocks, and Human Development: On the Brink*, R. Fuentes and P. Seck, eds., Palgrave Macmillan.
- 2. **Deb**, P. and P. A. Seck (2009), Internal Migration, Selection Bias and Human Development: Evidence from Indonesia and Mexico, in *Human Development Report 2009: Overcoming barriers: Human mobility and Development*, United Nations Development Programme.
- 3. Conning, J. C. and P. **Deb** (2007), Impact Evaluation for Land Property Rights Reforms, in *Doing Impact Evaluation* 8, The World Bank.
- 4. **Deb**, P. and P. K. Trivedi (2005), Empirical Models of Health Care Use, in A. M. Jones (ed.), Handbook of Health Econometrics, Elgar Press, 147-155.

- 5. **Deb**, P. and D. Jones (2003), Does Religion Work? A Comparison of Labor Market Outcomes of Religious and Secular Job Training Programs, in S. S. Kennedy and W. Bielefeld, eds. *Charitable Choice: First Results from Three States*, 57-64, Center for Urban Policy and the Environment, IUPUI.
- 6. **Deb**, P. (2002), A Discrete Random Effects Probit Model with Application to the Demand for Preventive Care, in A.M. Jones and O. O'Donnell (eds.) *Innovations in Econometric Analysis of Health and Health Care*, 189-200, John Wiley and Sons, reprinted from *Health Economics*.
- 7. **Deb**, P. and A. M. Holmes (2002), Estimates of Use and Costs of Behavioral Health Care: A Comparison of Standard and Finite Mixture Models, in A.M. Jones and O. O'Donnell (eds.) *Innovations in Econometric Analysis of Health and Health Care*, 87-99, John Wiley and Sons, reprinted from *Health Economics*.
- 8. Mayfield, J., P. **Deb** and D.E.B. Potter (1995), Long Term Care for Diabetes, Chapter 28 in *Diabetes in America*, 2nd edition, 571-590, U.S. Department of Health and Human Services and the National Institutes of Health.
- 9. Rubin, J., V. Wilcox-Gök and P. **Deb** (1992), Private Health Insurance and the Use of Medical Care by Disabled Mentally Ill Medicare Enrollees, in R.J. Frank and W. J. Manning, eds., *Economics and Mental Health*, 218-239, Johns Hopkins University Press.

Work in progress

- 1. Atella, V. And P. **Deb** (2011), Health outcomes of migrants: the Italian experience, *Hunter College Working Paper*.
- 2. Andalón, M, P. **Deb**, L. A. Leung and P. Seck (2011), The Health of Migrant Households: Evidence from Mexico, *Hunter College Working Paper*.
- 3. Waehrer, G. and P. Deb (2011), Food Stamp Effects on Food Preparation and Consumption Patterns, *Hunter College Working Paper*.
- 4. Garrido, M. M., P. **Deb**, J. F. Burgess and J. D. Penrod (2011), Choosing Models for Health Care Cost Analyses: Issues of Nonlinearity and Endogeneity, under review at *Health Services Research*.
- 5. **Deb**, P., and P. K. Trivedi (2011), Finite Mixture for Panels with Fixed Effects, *Hunter College Working Paper*.
- 6. **Deb**, P., P. K. Trivedi and D. M. Zimmer (2009), Dynamic Cost-offsets of Prescription Drug Expenditures: Panel Data Analysis Using a Copula-based Hurdle Model, *NBER Working Paper* 15191.
- 7. Fletcher, J. M., P. **Deb** and J. L. Sindelar (2009), Tobacco Use, Taxation and Self Control in Adolescence, *NBER Working Paper* 15130.

Other publications

1. **Deb**, P. (2008), Trick or Treatment? Estimating Treatment Effects Models Where There are Multiple Treatments, *Newsletter of the American Society of Health Economists*, 2.

Software

1. **fmm** - a Stata package to estimate a finite mixture models with a variety of component densities

2.	<i>mtreatreg</i> - a Stata package to estimate a treatment effects model with multiple (multinomial) treatments and continuous or integer-valued outcomes

Presentations at Conferences and Seminars (last 10 years)

2012

Center for Medicare and Medicaid Innovation, Baltimore, MD

2011

World Congress of the International Health Economics Association, Toronto, Canada Canadian Health Economics Study Group, London, Canada Australasian Workshop on Econometrics and Health Economics, Gold Coast, Australia Monash University, Melbourne, Australia University of Melbourne, Melbourne, Australia University of Bologna, Bologna, Italy University of Rome Tor Vergata, Rome, Italy Weill Cornell Medical College, New York, NY

2010

University of Minnesota, Minneapolis, MN
University of Alabama at Birmingham, Birmingham, AL
McGill University, Montreal, Canada
Annual Health Econometrics Workshop, Ann Arbor, MI
Emory University, Atlanta, GA
Centers for Disease Control, Atlanta, GA
American Society of Health Economists 3rd conference, Ithaca, NY
University of North Carolina, Chapel Hill, NC

2009

Annual Health Econometrics Workshop, Chicago, IL Academy Health, Annual Research Meeting, Chicago, IL Indian Statistical Institute, Kolkata, India Indian Institute of Management, Kolkata, India Mount Sinai School of Medicine, New York, NY NBER Spring Health Economics Meeting, Cambridge, MA University of Chicago, Chicago, IL University of Southern California, Los Angeles, CA

2008

Rutgers University, Newark, NJ Lehigh University, Bethlehem, PA Stata Users Group Meeting, Chicago, IL American Society of Health Economists 2nd conference, Durham, NC RAND Corporation, Santa Monica, CA

2007

Pennsylvania State University, State College, PA University of Georgia, Athens, GA University of Calgary, Calgary, Canada

2006

Yale University, School of Public Health, New Haven, CT Agency for Health Research and Quality, Rockville, MD March of Dimes National Office, White Plain, NY American Society of Health Economists 1st conference, Madison, WI

International Health Economics Association, 5th World Congress Drexel University, Philadelphia, PA

2004

Annual Health Economics Conference, UAB, Birmingham, AL Centers for Disease Control, Atlanta, GA

2003

Rutgers University, New Brunswick, NJ University of Rome, Tor Vergata, Rome, Italy Mount Sinai School of Medicine, New York, NY Econometric Society Summer Meetings, Evanston, IL International Health Economics Association 4th World Congress, Barcelona, Spain Annual Health Economics Conference, RAND, Santa Monica, CA Rutgers University, Department of Economics, Newark, NJ City University of New York, Graduate Center, New York, NY

European Workshop on Econometrics and Health Economics, Lund, Sweden Northeast Regional Health Economics Research Symposium, Newport, RI Econometric Society Summer Meetings, Los Angeles, CA Hunter College, Department of Economics, New York, NI University of Alabama at Birmingham, Department of Health Services, Birmingham, AL Boston University, School of Public Health, Boston, MA RAND Corporation, Santa Monica, CA

Teaching

Undergraduate Ph.D. **Econometrics** Applied Microeconometrics (Indiana University & **Introductory Microeconomics** City University of New York) Econometric Modeling of Count Data (University of **Intermediate Microeconomics** Money and Banking Rome, Tor Vergata)

Masters

Econometrics I Econometrics II Health Economics Microeconomic Theory

Post-doctoral

Mini-course on Econometric Methods for Health Care Costs and Use (with Will Manning and Edward Norton) at various iHEA and ASHE pre-conference sessions

Graduate Thesis Advising

2012 2009 Fred Selck. MA Raul Segura, MA Ti-Jen Tsao, PhD Hong Cho, MA Ariel Stern, MA Damir Cosic, MA Christian King, MA Adriana Proano, MA 2011 Ken Lau, MA Felix Pogrebetskiy, MA Luisa Benitez, MA

Darleen Braunshweiger, MA Gerard Ciarleglio, MA Marta Dziewanowska, MA Agnes Schwartz, MA

Sivia Naimer, MA

Robert Spinelli, MA David Lempert, MA Maline Thai, MA Enkeleda Gjeci, MA

2006

Svetlana Goobenkova, MA Lynn Urbano, MA Tamara Gurevich, MA

2005

Andrea Kutinova, PhD

Ariel Tal, MA

Kwok Ho Chan, MA Paulo Simplicio, MA

Nick Froner, MA Orly Sharfman, MA

Papa Seck, MA

2004

Chenghui Li, PhD David Zimmer, PhD Siobhan O'Garro, MA

Monika Wardal, MA Eugenia Priedane, MA

2001

JieQun Guo, PhD Murat Munkin, PhD

Xinyu Ji, MA

Yan Lin, MA

2000

Shweta Vohra, MA

1999

XiaoWen Zhao, MA

Neeraj Sood, MA

1998

Kahraman Kalyuncu, MA Charles Rainey, MA

1997

Amy Lewis, MA Jiegun Guo, MA

1995

Wei Jiang, MA Tim Phillips, MA

1994

Monica Greer, MA

Consulting

UN Women

Precision Health Economics, LLC Corporación Andina de Fomento

United Nations Development Programme

Bates White, LLC

New York Organ Donor Network

Indiana University Center on Philanthropy

C.E. Unterberg and Towbin

World Bank

RAND Corporation

Mt. Sinai School of Medicine

Greater New York Hospital Association

UNICEF

Interational Labour Organization

American Red Cross

Schoeman, Updike and Kaufman, LLC

Myers and Stauffer Consulting

Blue and Company, LLC

Indiana Department of Mental Health

American Hospital Association

Pfizer