

**KENNETH Y. CHAY**

Department of Economics  
Brown University  
Box B  
Providence, RI 02912  
*e-mail:* Kenneth\_Chay@brown.edu  
Tel: (401) 863-6296

**APPOINTMENTS**

2008-present Professor, Dept. of Community Health, Brown University  
2007-present Professor, Dept. of Economics, Brown University  
2006-2007 Visiting Professor, Dept. of Economics, University of Maryland  
2006 (April-June) Visiting Scholar, Population Research Center, University of Maryland  
2004-2007 Michael R. Peevey and Donald Vial Chair, University of California-Berkeley  
2002-2003 National Fellow, National Bureau of Economic Research  
2002-2007 Associate Professor (with tenure), Dept. of Economics, University of California-Berkeley  
1998-1999 Visiting Professor, Dept. of Economics, Princeton University  
1997-present Faculty Research Fellow, National Bureau of Economic Research  
1997 (December) Visiting Professor, Dept. of Economics, Massachusetts Institute of Technology  
1996-2002 Assistant Professor, Dept. of Economics, University of California-Berkeley

**EDUCATION**

Ph.D., Economics, Princeton University, 1996  
M.A., Economics, Princeton University, 1993  
B.S., Economics, Massachusetts Institute of Technology, 1991

**RESEARCH AND TEACHING INTERESTS**

Labor and Health Economics, Empirical Microeconomics, Econometrics

**HONORS AND AWARDS**

2008: *Frontiers of Microeconomics* Speaker (Tokyo, Japan)  
2005: Outstanding Teaching Award, Graduate Economics Association, UC-Berkeley  
2004: Kenneth J. Arrow Award for best paper in Health Economics, International Health Economics Association  
2001-2004: Alfred P. Sloan Foundation Research Fellow  
2001: Albert Rees Prize, Princeton University  
2001: Outstanding Teaching Award, Graduate Economics Association, UC-Berkeley  
1997: Upjohn Institute Dissertation Award  
1996: *Review of Economic Studies* European Tour Speaker

**GRANTS AND FELLOWSHIPS**

2002-2006: National Institutes of Health (NICHD) R01 Research Grant  
2000-2002: National Institutes of Health (NICHD) R03 Research Grant  
1998-2002: National Science Foundation Research Grant  
1998-1999: Northwestern/University of Chicago Joint Center for Poverty Research Grant  
1994-1995: Alfred P. Sloan Foundation Doctoral Dissertation Fellowship  
1991-1995: Industrial Relations Section Fellowship, Princeton University

**COMPLETED RESEARCH** (reverse chronology)

- “Medicare, Hospital Utilization and Mortality: Evidence from the Program's Origins,” (with Daeho Kim and Shailender Swaminthan), mimeograph, September 2009.
- “Birth Cohort and the Black-White Achievement Gap: The Roles of Access and Health Soon after Birth,” (with Jonathan Guryan and Bhashkar Mazumder), June 2009, Quarterly Journal of Economics, revision and resubmission requested.
- “Mortality and the Baseball Hall of Fame: An Investigation of Status and Life Expectancy,” (with David J. Becker and Shailender Swaminathan), mimeograph, March 2008.
- “The Civil Rights Act of 1964, Hospital Desegregation and Black Infant Mortality in the South and Mississippi,” (with Douglas Almond and Michael Greenstone), revised February 2008, American Economic Review, accepted subject to minor revisions.
- “The Impact of City Contracting Set-Asides on Minority Self-Employment and Employment,” (with Robert W. Fairlie and Aaron Chatterji), revised February 2008.
- “The Long-Run and Intergenerational Impact of Poor Infant Health: Evidence from Cohorts Born during the Civil Rights Era,” (with Douglas Almond), mimeograph, February 2006, currently under revision.
- “The Central Role of Noise in Evaluating Interventions that Use Test Scores to Rank Schools,” (with Patrick McEwan and Miguel Urquiola), American Economic Review, September 2005, 1237-1258.
- “The Costs of Low Birth Weight,” (with Douglas Almond and David S. Lee), Quarterly Journal of Economics, August 2005, 1031-1083.
- “Does Air Quality Matter? Evidence from the Housing Market,” (with Michael Greenstone), Journal of Political Economy, April 2005, 376-424.
- “Air Quality, Infant Mortality, and the Clean Air Act of 1970,” (with Michael Greenstone), NBER Working Paper 10053, October 2003, currently under revision.
- “The Clean Air Act of 1970 and Adult Mortality,” (with Carlos Dobkin and Michael Greenstone), Journal of Risk and Uncertainty, 27:3, 2003, 279-300.
- “The Impact of Air Pollution on Infant Mortality: Evidence from Geographic Variation in Pollution Shocks Induced by a Recession,” (with Michael Greenstone), Quarterly Journal of Economics, August 2003, 1121-1167.
- “Identification and Estimation of Dynamic Binary Response Panel Data Models: Empirical Evidence using Alternative Approaches,” (with Dean Hyslop), May 2001, conditionally accepted at the Journal of Econometrics,
- “Semiparametric Censored Regression Models,” (with James Powell), Journal of Economic Perspectives, Fall 2001, 29-42.
- “Changes in Relative Wages in the 1980s: Returns to Observed and Unobserved Skills and Black-White Wage Differentials,” (with David S. Lee), Journal of Econometrics, November 2000, 1-38.
- “The Convergence in Black-White Infant Mortality Rates during the 1960s,” (with Michael Greenstone), American Economic Review Papers and Proceedings, May 2000, 326-332.
- “A Non-Experimental Analysis of True State Dependence in Monthly Welfare Participation Sequences,” (with Hilary Hoynes and Dean Hyslop), Proceedings of the American Statistical Association, 1999, 9-17.

“Estimation of Semiparametric Censored Regression Models: An Application to Changes in Black-White Earnings Inequality during the 1960s,” (with Bo Honoré), Journal of Human Resources, Winter 1998, 4-38.

“The Impact of Federal Civil Rights Policy on Black Economic Progress: Evidence from the Equal Employment Opportunity Act of 1972,” Industrial and Labor Relations Review, July 1998, 608-632.

“Evaluating the Impact of the 1964 Civil Rights Act on the Economic Status of Black Men Using Censored Longitudinal Earnings Data,” mimeograph, October 1995.

### **RESEARCH IN PROGRESS**

“The Effects of the Proposed Revisions to the New Source Review on Electric Utilities: Evidence from Financial Markets,” (with Ethan Yeh).

“The 1946 Hospital Construction Act and Mortality in the United States,” (with Melissa Thomasson).

“Maternal Smoking during Pregnancy and Fetal and Infant Health: Evidence from United States Birth Records,” (with Carlos Flores and Paul Torelli).

“The Regression Discontinuity Design When the Break Point Location Is Known with Uncertainty,” (with Carlos Flores).

“Gender Differences from Birth to Pre-School,” (with David Lee and Christine Yee).

“Who Gains from Air Quality Improvements? The Distribution of Air Pollution in the United States from 1965 to 2000,” (with Fernando Ferreira).

“Do Transitory Shocks Have Discontinuous and Lasting Effects? Evidence from a Welfare Participation Shock in California,” (with Hilary Hoynes and Dean Hyslop).

### **SEMINAR PRESENTATIONS**

U of Arizona, U of Alabama-Birmingham, Baylor U, Bocconi U (Milan), Boston U, BU/Harvard/MIT Health Economics, U of British Columbia, Brown U, UC-Berkeley, UC-Davis, UC-Irvine, UC-Los Angeles, UC-Riverside, UC-San Diego, UC-Santa Barbara, UC-Santa Cruz, Carnegie-Mellon U, U of Chicago, Chicago Federal Reserve, Chicago Harris School, Columbia U, Cornell U, Dartmouth College, U of Essex, Federal Trade Commission, GREMAQ-IDEI (Toulouse), Harvard U, Harvard Kennedy School, U of Houston, U of Illinois-Urbana-Champaign, Indiana U, Institute for Advanced Studies (IHS Vienna), Inter-American Development Bank, Korea U (Seoul), Lehigh U, London School of Economics, U of Maryland, Massachusetts Institute of Technology, McGill U, U of Miami, U of Michigan, U of Montreal, National Taiwan U, New York Health Economics (Baruch/CUNY/NBER), Northwestern U, U of Pennsylvania (Wharton), U of Pittsburgh, Princeton U, Public Policy Institute of California, UDLA-Puebla (Mexico), Purdue U, Queen’s U, RAND, Rice U, U of Rochester, Stanford U, Syracuse U, Tel Aviv U, U of Texas-Austin, Texas A&M, Tilburg U, Tinbergen Institute (Amsterdam), U of Tokyo, U of Toronto, University College London, Washington U-St. Louis, U of Western Ontario, U of Wisconsin-Madison, Yale U, Yonsei U (Korea).

### **INVITED LECTURES AND CONFERENCE PRESENTATIONS**

October 2009: NBER Frontiers in Health Policy Research Meetings

October 2009: Latin American and Caribbean Economic Association (LACEA) Meetings

July 2009: NBER Summer Institute Health Care Workshop

January 2009: American Economic Association Meetings

July 2008: NBER Summer Institute Labor Studies Workshop

March 2008: *Frontiers of Microeconomics*, University of Tokyo

May 2007: Institute for Advanced Studies (IHS Vienna) Course on Nonexperimental Econometric Methods  
May 2006: Determinants of Children's Success, Institute of Government Affairs, UC-Davis  
January 2006: American Economic Association Meetings  
July 2005: Fifth World Congress, International Health Economics Association  
June 2005: Society of Labor Economists Annual Meetings  
January 2005: American Economic Association Meetings  
November 2004: Bank of Italy Lectures on Nonexperimental Econometric Methods  
July 2004: UK Work and Pensions (WPEG) Conference  
May 2003: Joint Center for Poverty Research, Health Policy and the Underserved Conference  
April 2003: NBER Child Studies Workshop  
January 2003: American Economic Association Meetings  
July 2002: NBER Summer Institute Child Studies Workshop  
July 2001: NBER Summer Institute Public Policy and the Environment Workshop  
June 2001: Institute for Research on Poverty Summer Workshop  
January 2001: American Economic Association Meetings  
August 2000: NBER Summer Institute Public Policy and the Environment Workshop  
August 2000: NBER Summer Institute Child Studies Workshop  
January 2000: American Economic Association Meetings  
August 1999: Joint Statistical Meetings, American Statistical Association  
July 1999: NBER Summer Institute Child Studies Workshop  
January 1999: American Economic Association Meetings  
October 1998: National Research Council Conference on Racial Trends  
July 1998: NBER Summer Institute Labor Studies Workshop  
May 1998: Camp Econometrics (Los Angeles)  
June 1997: Econometric Society Summer Meetings  
January 1997: American Economic Association Meetings  
July 1996: NBER Summer Institute Labor Studies Workshop  
May 1996: *Review of Economic Studies* European Tour

#### **REFEREEING FOR PROFESSIONAL JOURNALS**

*American Economic Review, Econometrica, Economica, Economic Journal, Economics and Human Biology, Industrial and Labor Relations Review, Industrial Relations, Journal of Applied Econometrics, Journal of Business & Economic Statistics, Journal of Econometrics, Journal of Environmental Economics and Management, Journal of Human Resources, Journal of Labor Economics, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Population Economics, Journal of Public Economics, Quarterly Journal of Economics, Review of Economics and Statistics, Review of Economic Studies.*

#### **OTHER PROFESSIONAL DUTIES**

Advisory Committee Member, Social Sciences and Population Studies Study Section, Center for Scientific Review, National Institutes of Health  
Organizer for the IHEA and AEA/IHEA joint sessions at the ASSA Annual Meetings, 2006-2008  
Reviewer for the National Science Foundation  
Scientific Committee Member, 4th World Congress of the International Health Economics Association  
Scientific Committee Member, 5th World Congress of the International Health Economics Association