

March, 2006

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CURRENT POSITIONS

June 1999-present : Professor of Economics, University of Colorado at Denver
and Health Sciences Center; Department of Economics.
October 1995-present : Research Associate, National Bureau of Economic Research
(NBER); Health Economics Program, and the Program on Children.

PREVIOUS POSITIONS

July 2001-June 2004 : Chairman, Department of Economics; University of Colorado at
Denver.
July 1995-June 2001 : Director, Center for Research on Economic and Social Policy,
University of Colorado at Denver.
September 1989-
October 1995 : Faculty Research Fellow, NBER.
August 1990-May 1999 : Assistant and Associate Professor, University of Colorado at
Denver; Department of Economics.
Summer 2001 : Professor, Summer Minority Scholarship Program, American
Economic Association.
September 1989-May 1990 : Visiting Assistant Professor; Manhattan College, Riverdale, New
York; Department of Economics and Finance.
September 1988-May 1989 : Full-time Instructor; Manhattan College.
Fall 1985-Spring 1988 : Adjunct Instructor; Herbert H. Lehman College of CUNY, Bronx,
New York; Department of Economics and Accounting; and Pace
University, White Plains, New York; Department of Public
Administration.

EDUCATION

Ph.D. in Economics; October, 1989; City University of New York Graduate Center.
B.A. in Economics; Boğaziçi University, Istanbul, Turkey; 1984.

FIELDS OF CONCENTRATION

Labor Economics, Health Economics, Applied Econometrics

EDITORIAL

Guest Co-editor of Journal of Drug Issues, special issue on the Economics of Substance Abuse; Summer 1998, 28:3.

WORK IN PROGRESS or UNDER REVISION

“Asymmetric Crime Cycles,” with Turan Bali. *Under revision for resubmission to The American Economic Review.*

“What Determines Corruption? International Evidence from Micro Data,” (revised version of NBER Working Paper No: 10460). *Under revision for resubmission to Economic Inquiry.*

“Ideology, Human Capital and Growth,” with Murat Iyigun and Ann Owen.

“An Experimental Test of Criminal Behavior Among Juveniles and Young Adults,” with William Harbaugh and Mike Visser.

“Vengeance.”

“Do Adolescents with Emotional and Behavioral Problems Respond to Cigarette Prices?” with Lan Liang and Erdal Tekin.

MANUSCRIPTS UNDER REVIEW

“Ugly Criminals,” (NBER Working Paper No: 12019), with Erdal Tekin.

“The Determinants of the Willingness to be an Organ Donor: Evidence from the United States and the European Union,” with Erdal Tekin (NBER Working Paper No: 11316).

SELECTED PUBLICATIONS

“Guns and Juvenile Crime,” with Erdal Tekin (NBER Working Paper No: 9824). *Forthcoming in Journal of Law and Economics, October 2006.*

“Catholic Schools and Bad Behavior,” with Erdal Tekin (NBER Working Paper No: 9172). *Forthcoming in The B.E. Journals in Economic Analysis & Policy.*

SELECTED PUBLICATIONS (continued)

- “Can Consumers Detect Lemons? An Empirical Investigation of Information Asymmetry in the Market for Child Care,” (NBER Working Paper No: 8291). *Forthcoming in Journal of Population Economics*.
- "A Dynamic Model of Differential Human Capital and Criminal Activity," with Steve Billups and Jody Overland (revised version of NBER Working Paper No: 7584). Economica, November 2005; 72. pp.655-81.
- “Drugs and Juvenile Crime: Evidence From a Panel of Siblings and Twins,” with Erdal Tekin, in Substance Use: Individual Behavior, Social Interactions, Markets, and Politics, Bjorn Lindgren and Michael Grossman (eds.), Amsterdam: Elsevier, 2005; pp. 91-120.
- “Economic Conditions, Deterrence and Juvenile Crime: Evidence from Micro Data,” with Daniel Rees. American Law and Economics Review. Fall 2005, 7:2, pp. 319-49.
- “Carrots, Sticks and Broken Windows,” with Hope Corman. Journal of Law and Economics, April 2005, 48:1; pp. 235-66.
- “Who Shall Live and Who Shall Die? An Analysis of Prisoners on Death Row in the United States,” with Laura Argys. Journal of Legal Studies; June 2004; 33:2, pp. 255-82.
- “The Demand for Medical Care in Urban China,” with Erdal Tekin and Jeffrey Zax. World Development, February 2004; 32:2, pp. 289-304.
- “Getting Off Death Row: Commuted Sentences and the Deterrent Effect of Capital Punishment,” with Kaj Gittings, (revised version of NBER Working Paper No: 8639). Journal of Law and Economics; October 2003; 46:2, pp. 453-78.
- “The Impact of Education, Social Capital, Ideology, and Institutions on Economic Development,” (in Turkish), in International Symposium on Ataturk and Contemporary Society; Istanbul: Turkiye Is Bankasi Kultur Yayinlari; 2003, pp. 212-19.
- "Nonprofit Sector and Part-Time Work: An Analysis of Employer-Employee Matched Data of Child Care Workers," with Erdal Tekin. The Review of Economics and Statistics, February 2003; 85:1, pp. 38-50.
- "The Supply of Quality in Child Care Centers," with David M. Blau. The Review of Economics and Statistics, August 2002; 84:3, pp. 483-96.
- “Economic Theories of Crime,” in Encyclopedia of Crime and Punishment, David Levinson (ed.); Thousand Oaks: Sage Publications; 2002, Volume: 2, pp. 597-603.
- "A Time-Series Analysis of Crime, Deterrence and Drug Abuse in New York City," with Hope Corman. The American Economic Review, June 2000; 90:3, pp. 584-604.

SELECTED PUBLICATIONS (continued)

"Structural Unemployment, Cyclical Unemployment and Income Inequality," The Review of Economics and Statistics, February 1999; 81:1, pp. 122-34.

"The Economics of Substance Abuse in Context: Can Economics Be Part of an Integrated Theory of Drug Use?," with David W. Rasmussen and Bruce L. Benson. Journal of Drug Issues, 1998; 28:3, pp. 575-92.

"An Economic Analysis of Drug Use and Crime," with Hope Corman. Journal of Drug Issues, 1998; 28:3, pp. 613-29.

"Cost Functions, Efficiency and Quality in Day Care Centers." The Journal of Human Resources; Fall 1997. Vol. 32, Number 4, pp. 861-91.

"Credit Rationing, Deregulation and Race in Mortgage Lending in the United States: 1960-90," with W. James Smith and William Tevebaugh. Applied Economics, 1997; 29, pp. 1337-42.

"Labor Market Conditions and the High School Dropout Rate: Evidence From New York State," with Daniel I. Rees; Economics of Education Review, 1997; Vol. 16, No. 2; pp. 103-9.

"Accuracy and Rationality of State General Fund Revenue Forecasts: Evidence from Panel Data," with Sam Azad; International Journal of Forecasting, 1995; Vol. 11, pp. 417-27.

"Illicit Drug Use and Health: Analysis of New York City Birth Outcomes Using a Kalman Filter Model," with Kudret Topyan; the Southern Economic Journal, July 1995; 62:1, pp. 164-82.

"Quality-Adjusted Cost Functions for Child-Care Centers," The American Economic Review, May 1995; 85:2, pp. 409-13.

"International Sanctions and Anti-Apartheid Politics in South Africa: An Empirical Investigation," with William Kaempfer, Anton Lowenberg and Kudret Topyan; Journal for Studies in Economics and Econometrics, 1995, Vol. 19, No:1, pp. 1-27.

"Is There a Unit Root in U.S. Real GNP? A Re-Assessment," Economics Letters, 1994, Vol. 45, pp. 23-31.

"Foreign Threats and Domestic Actions: The Case of Sanctions Against South Africa," with William H. Kaempfer, Anton D. Lowenberg and Lynne Bennett; in Justice Without Violence, Paul Wehr, Heidi Burgess and Guy Burgess (eds.) Lynne Rienner Publishers, Inc.; Boulder, Colorado; 1994, pp. 191-215.

SELECTED PUBLICATIONS (concluded)

"Real Wages over the Business Cycle: Evidence from a Structural Time-Series Model," with Kudret Topyan; Oxford Bulletin of Economics and Statistics, 1993, Vol. 55, No.4, pp. 363-89.

"Unemployment and Infant Health: Time-Series Evidence from the State of Tennessee," with Theodore Joyce; Journal of Human Resources, 1993, Vol. 28, No. 1, pp. 185-203.

"The Consequences and Costs of Maternal Substance Abuse in New York City: A Pooled Time-Series, Cross Section Analysis," with Theodore Joyce and Andrew Racine; Journal of Health Economics, 1992, Vol. 11, No. 3, pp. 297-314.

"Predicting the Price of Oil," with Ahmet Kocagil; in Oil in the 1980's: A Decade of Decline, Bernard S. Katz and Siamack Shojai (eds.) New York: Praeger Publishers, 1992, pp. 189-205.

"Homicide and Crack in New York City," with Hope Corman and Theodore Joyce; in Searching for Alternatives: Drug-Control Policy in the United States, Edward P. Lazear and Melvyn Krauss (eds.) Stanford, California: Hoover Institution Press, Stanford University, 1991, pp. 112-37.

"Age at Marriage, Divorce, Fertility and Labor Force Participation of Women: A Time Series Perspective," Journal of Interdisciplinary Economics; 1991, Vol:4, No.1, pp. 1-16.

"Demand Shocks, Supply Shocks, and the Cyclicity of Real Wages," with Ahmet Baytas; Applied Economics, 1991, Vol. 23:7, pp. 1213-19.

"Business Cycles and Fertility Dynamics in the United States: A Vector-Autoregressive Model," Journal of Population Economics, 1990, Vol. 3, pp. 125-46.

"The Impact of Legalized Abortion on Adolescent Childbearing in New York City," with Theodore Joyce; American Journal of Public Health, March 1990, Vol. 80, No. 3, pp. 273-78.

REPORTS

"The Market for Child Care" in NBER Reporter, Spring 2002.
(<http://www.nber.org/reporter/spring02/mocan.html>)

Co-author of "Cost, Quality and Child Outcomes in Child Care Centers," Public Report (April 1995), Technical Report (June 1995), and Executive Summary (January 1995); Center for Research on Economic and Social Policy, University of Colorado at Denver.

Information Asymmetry in the Market for Child Care. Final Report submitted to the Smith Richardson Foundation (September 2000).

GRANTS and CONTRACTS

“Problem Identification and Annual Report.” From *Colorado Department of Transportation* to the *University of Colorado at Denver and Health Sciences Center* (with Jeffrey Zax). From May 2004 to May 2006 (contract).

“A Time-Series Analysis of Crime in New York City.” From the *New York City Independent Budget Office*. From August 2001 to December 2001.

"Information Asymmetry in the Market for Child Care." From the *Smith Richardson Foundation* to the *National Bureau of Economic Research*. Grant No: 9901-651, from November 1999 to April 2001.

"The Determinants of Bicycle Use and the Impact of the Bicycle Industry on Colorado's Economy." From the *Colorado Department of Transportation* to the *University of Colorado at Denver*, from May 1998 to June 1999 (contract).

Faculty Fellowship for the Study of Nonprofit Institutions. From the *National Bureau of Economic Research*. 1997-1999.

"The Costs and Quality of Early Childhood Care and Education," with Suzanne Helburn and John Morris. From the *Carnegie Corporation of New York* to the *University of Colorado at Denver*. Grant No: 3644180, from July 1992 to June 1994.

"The Costs and Quality of Early Childhood Care and Education," with Suzanne Helburn and John Morris. From *Smith-Richardson Foundation* to the *University of Colorado at Denver*. Grant No: 3644182, from July 1992 to June 1994.

"The Costs and Quality of Early Childhood Care and Education," with Suzanne Helburn and John Morris. From the *Pew Foundation* to the *University of Colorado at Denver*, from July 1992 to June 1994.

"The Costs and Quality of Early Childhood Care and Education," with Suzanne Helburn and John Morris. From *Packard Foundation* to the *University of Colorado at Denver*. Grant No: 3644181, from July 1992 to June 1994.

"Determinants of Race-Specific Infant Mortality". From the *University of Colorado at Denver, College of Liberal Arts and Sciences Summer Research and Development Program*. Summer 1994.

"Poverty, Race and Human Capital". From the *University of Colorado at Denver Junior Faculty Development Award Program*. From December 1992 through June 1993.

"A Time-Series Analysis of Drug Use and Crime in New York City," with Hope Corman. From *National Institute on Drug Abuse* to the *National Bureau of Economic Research*. Grant No: DAPA 1 R03 DA06764-01A1, from June 1992 through May 1994.

GRANTS and CONTRACTS (concluded)

"Real Wages Over the Business Cycle: A Structural Time-Series Modeling". From the *University of Colorado at Denver Faculty Grant Award Program*. From July 1991 through June 1992.

"Understanding the Dramatic Increase in the Rate of Low Birthweight in New York City: An Aggregate Time-Series Analysis," with Theodore Joyce. From the *Henry J. Kaiser Family Foundation* to the *National Bureau of Economic Research*. Grant No: 90-7265, from September 1990 through September 1991.

SELECTED PRESENTATIONS

"Ugly Criminals." Presented at the American Economic Association Meetings, January 2006; Boston.

"Asymmetric Crime Cycles." Presented at the American Economic Association Meetings, January 2005; Philadelphia.

"What Determines Corruption? International Evidence From Micro Data." Presented at Bogazici University, Istanbul, Turkey; October 2004.

"What Determines Corruption? International Evidence From Micro Data." Presented at Bilkent University, Ankara, Turkey; November 2004.

"Guns, Drugs and Juvenile Crime: Evidence from a Panel of Siblings and Twins." Presented at the NBER Children's Program Meeting, April 2004.

"Crime Control: Lessons from the New York City Experience." Presented at the International Seminar on Crime and Violence Prevention in Urban Settings, May 2003; Bogota, Colombia.

"The Impact of Education, Ideology and Institutions on Economic Development." Presented at the CEAMO Meeting, October 2002; Havana, Cuba.

"The Impact of Education, Ideology and Institutions on Economic Development." Presented at DEGEV Meeting on Ataturk and Modern Society at Bogazici University; September 2002; Istanbul, Turkey.

"Removals from Death Row, Executions and Homicide." Presented at the Law and Society Association Meeting, May 2002; Vancouver, Canada.

“Removals from Death Row, Executions and Homicide.” Presented at the Graduate Center of CUNY, April 2002; NYC, New York.

“Can Consumers Detect Lemons? Information Asymmetry in the Market for Child Care.” Presented at the SOLE Meetings, April 2001; Austin, Texas.

SELECTED PRESENTATIONS (continued)

"Economic Conditions, Deterrence and Juvenile Crime: Evidence from Micro Data." . Presented at Florida State University; November 1999; Tallahassee, Florida.

"Economic Conditions, Deterrence and Juvenile Crime: Evidence from Micro Data." Presented at the NBER Summer Institute; July 1999; Cambridge, Massachusetts.

"A Time-Series Analysis of Crime, Drug Abuse and Deterrence in New York City." Presented at the Biennial Pacific Rim Allied Economic Organizations Conference; January 1998, Bangkok, Thailand.

"A Time-Series Analysis of Crime, Drug Abuse and Deterrence in New York City." Presented at the Southern Economic Association Meetings; November 1997; Atlanta, GA.

"Structural Unemployment, Cyclical Unemployment and Income Inequality." Presented at the Southern Economic Association Meetings; November 1996, Washington D.C.

"The Effects of Drug Arrest on Non-Drug Crime." Presented at the Southern Economic Association Meetings; November 1996, Washington D.C.

"A Time-Series Analysis of Crime, Drug Use and Deterrence in New York City." Presented at the American Economic Association Meetings; January 1996; San Francisco, CA.

"The Demand for Medical Care in Urban China." Presented at the Allied Social Science Associations Meetings; January 1996; San Francisco, CA.

"The Child Care Industry: Cost Functions, Efficiency and Quality." Presented at the Western Economic Association Meetings; July 1995; San Diego, CA.

"Income Inequality, Poverty, and Macroeconomic Conditions." Presented at the American Economic Association Meetings; January 1995; Washington, D.C.

"Quality Adjusted Cost Functions for Child Care Centers." Presented at the American Economic Association Meetings; January 1995; Washington, D.C.

"Real Wages Over the Business Cycle: A Structural Time-Series Modeling." Presented at the Western Social Science Association Meetings; April 1992; Denver, Colorado.

"The Impact of Maternal Substance Abuse on Infant Health in New York City."
Presented at the Western Social Science Association Meetings; April 1992; Denver,
Colorado.

"The Consequences and Costs of Maternal Substance Abuse in New York City: A Pooled
Time-Series, Cross Section Analysis." Presented at the Allied Social Science
Associations Meeting; January 1992, New Orleans, Louisiana.

SELECTED PRESENTATIONS (concluded)

"Homicide and Crack in New York City." Presented at the Hoover Institution Conference
on U.S. Drug Policy; November, 1990; Stanford University, California.

"Business Cycles and Fertility Dynamics in the U.S.: A Vector-Autoregressive Model."
Presented at the Sixteenth Eastern Economic Association Convention; March 1990,
Cincinnati, Ohio.

"The Impact Of Legalized Abortion on Adolescent Childbearing in New York City."
Presented at a seminar sponsored by the Hospital Studies Program of the Agency for
Health Care Policy and Research, Department of Health and Human Services; February
1990, Rockville, Maryland.

"Age at Marriage, Divorce, Fertility and Labor Force Participation of Women: A Time
Series Perspective." Presented at the Fifteenth Eastern Economic Association
Convention; March 1989, Baltimore, Maryland.

"Shocks and Cyclicalities." Presented at the Fifteenth Eastern Economic Association
Convention; March 1989, Baltimore, Maryland.

"Some Evidence on the Consequences of Demand and Supply Shocks." Presented at the
Twenty-sixth International Atlantic Economic Conference; October 1988, Philadelphia,
Pennsylvania.

COURSES TAUGHT

Graduate

Econometrics, Time-Series Forecasting, Topics in Econometrics and Forecasting, Health
Economics, Seminar in Applied Economics.

Undergraduate

Principles of Macroeconomics, Principles of Macroeconomics, Intermediate
Microeconomics, Intermediate Macroeconomics, Economics of Race and Gender,
Economics of Crime and Punishment, Time-Series Forecasting, Labor Economics.

AWARDS and OTHER PROFESSIONAL ACTIVITY

Listed in *Top 1,000 Economists in the World by Publications in 1990-2000* (A European
Economic Association sponsored study).

Excellence in Research and Creative Activities Award 1993; College of Liberal Arts and Sciences, University of Colorado at Denver.

Best Dissertation Written at Graduate School of the City University of New York in 1989; nominated for the CGS/UMI Dissertation Award by CUNY Graduate School.

AWARDS and OTHER PROFESSIONAL ACTIVITY (concluded)

Consultant to University of Illinois at Chicago.

Consultant to RAND Corporation.

Consultant to the New York City Independent Budget Office.

Consultant to BBC Research & Consulting; Denver, Colorado.

Consultant to Colorado Department of Transportation.

Consultant to Center for Human Investment Policy, University of Colorado at Denver.

Consultant to the Governor's Office of the State of Colorado to evaluate the economic impact of "ColoradoCare" universal health insurance plan.

Consultant to the Employability and Social Partnership of Human Resources Development Canada.

Referee, Addiction, American Economic Review, American Journal of Public Health, Applied Economics, Contemporary Economic Policy, Eastern Economic Journal, Economic Inquiry, Economica, Economics of Education Review, Empirica, European Economic Review, International Review of Economics and Finance, Journal of Economic Education, Journal of Economics and Business, Journal of Human Resources, Journal of Law and Economics, Journal of Macroeconomics, Journal of Political Economy, Journal of Productivity Analysis, Journal of Public Economics, Journal of Urban Affairs, Nonprofit and Voluntary Sector Quarterly, Policy Studies Journal, Public Finance Review, Managerial and Decision Economics, Review of Economics and Statistics, Review of Regional Studies, Social Service Review, Social Science Quarterly, Southern Economic Journal, World Development.

Reviewer, McGraw Hill

Reviewer, Harper Collins Publishers

Reviewer, Idaho Board of Education

Reviewer, MacArthur Foundation

Reviewer, Social Sciences and Humanities Research Council of Canada

Reviewer, National Science Foundation

Member, American Economic Association

Member, Society of Labor Economists

DEPARTMENT, COLLEGE and UNIVERSITY COMMITTEES

1993, 95, 97 Member, Department of Economics Retention-Tenure-Promotion (RTP) Committee
1994, 1998 Chair, Economics RTP Research Sub-Committee
1998 Department of Economics Y2K Coordinator
1992-2000 Member, Economics Department Recruiting Committee
1994-2004 Organizer, CRESP Seminar Series on Labor and Human Resource Economics

DEPARTMENT, COLLEGE and UNIVERSITY COMMITTEES (concluded)

1993-2000 Member, Behavioral and Social Sciences Computer Laboratory Steering Committee
1994 Member, College of Liberal Arts and Sciences (CLAS) Excellence in Research and Creative Activities Search Committee
1993 Member, CLAS Planning and Policy Committee.
1993-94 Member, University of Colorado at Denver (UCD) Faculty Assembly Academic Personnel Committee.
1996-1999 Member, UCD Faculty Assembly
2000-2002 Member, CLAS Dean's Advisory Committee
2000-2004 Member, CLAS Budget Advisory Committee