Kurt J. Beron School of Economic, Political and Policy Sciences

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EDUCATION

1985 **Ph.D. in Economics**, University of North Carolina - Chapel Hill. Doctoral dissertation: "Child Support Enforcement: A Theoretical and Empirical Analysis," under the direction of Ann D. Witte.

Fields of Concentration: Public Finance, Industrial Organization, Econometrics

Fields of Teaching: Applied Microeconomics, Econometrics and Statistics, Public Sector Economics

PRE-DOCTORAL STUDIES

1980 **Master of Social Work**, Public Administration, Policy, and Planning concentration, University of North Carolina - Chapel Hill. Master's Thesis: "Bureaucratic Decision-Making: The Case of the Child Support Enforcement Program" under the direction of Andrew Dobelstein.

1977 **BS in Economics and BA in Sociology**, University of North Carolina - Greensboro.

TEACHING, RESEARCH AND OTHER EXPERIENCE

- 2009- **Senior Researcher**, Financial Allocation Study for Texas for the Comptroller of Texas, Texas Schools Project.
- 2006- **Professor, Economics and Public Policy**, School of Economic, Political and Policy Sciences, The University of Texas at Dallas.
- 2007- **Director, Certificate in Economic and Demographic Data Analysis.** School of Economic, Political and Policy Sciences, The University of Texas at Dallas.
- NCAA Division III Management Council elected by the 450 universities in Division III to a four-year term. The Management Council oversees the approximately 450 universities and 160,000 student athletes who participate annually in athletics.

2006-2010 Chair, NCAA Research Committee – elected to Chair (2008-10) the Association-wide committee responsible for research across all divisions of the NCAA. 2000-Global Leadership Executive MBA Program Faculty Member, School of Management, The University of Texas at Dallas. Developed, and teach, distance learning class in statistics to MBA students. 1991-Associate Professor, Economics and Political Economy, School of Social Sciences, The University of Texas at Dallas. 1990-Institutional Representative to Inter-university Consortium for Political and Social Research (ICPSR), The University of Texas at Dallas. Coordinate and facilitate data acquisition for faculty and graduate students for research and teaching; provision and dissemination of information regarding the variety of activities of ICPSR. 1999-National Collegiate Athletic Association Faculty Athletic Representative. The University of Texas at Dallas. Representative of the University for all academic matters related to student athletes connected to the NCAA. Involved in hiring of athletic staff and compliance issues. 1998-Fellow, Bruton Center, School of Social Sciences, The University of Texas at Dallas. 1999-2001 Director, Quantitative Analysis of Social and Economic Data Certificate **Program**, School of Social Sciences, The University of Texas at Dallas. Fellow, Center for Education and Social Policy, School of Social Sciences, The 1994-2000 University of Texas at Dallas. 1997-1999 Consulting Economist, Internal Revenue Service, under the Intergovernmental Personnel Act. Advised IRS on matters concerning use of confidential tax data for research purposes. 1993-1996 Associate Dean and College Master, School of Social Sciences, The University of Texas at Dallas. Directed all undergraduate programs in the School including economics, government and politics, and sociology. Represented the Dean at all functions when he was unavailable. 1985-1991 Assistant Professor, Economics and Political Economy, School of Social Sciences, The University of Texas at Dallas.

- 2 - Beron

Sum. 1988 Financial Economist, Internal Revenue Service, (In conjunction with National Science Foundation Grant). Continuation of previous work where became employed by United States Treasury to analyze Taxpayer Compliance Measurement Program data. Sum. 1987 Research Economist, National Bureau of Economic Research, (In conjunction with NSF Grant). Sum. 1986 Senior Transportation Planner, North Central Texas Council of **Governments.** Consulted on alternative transportation financing alternatives for the Dallas/Fort Worth area. 1982-1985 **Visiting Instructor**, N.C. State University. 1979-1980 Economic Analyst, N.C. Governmental Evaluation Commission. Constructed economic analyses of health care occupations subject to sunset law provisions. Sum. 1979 Program Analyst, Dept. of Health, Education, and Welfare. Conducted Research on federal child support enforcement activities. PUBLICATIONS AND REPORTS 2011 "Joint trajectories for social and physical aggression as predictors of adolescent maladjustment: Internalizing symptoms, rule-breaking behavior, and borderline and narcissistic personality features" (with M. Underwood and L. Rosen) Development and Psychopathology, forthcoming. 2011 "Peer Victimization as a Mediator of the Relation between Facial Attractiveness and Internalizing Problems" (with M. Underwood and L. Rosen) Merrill-Palmer Quarterly Journal of Developmental Psychology, forthcoming. 2009 "Continuity and Change in Social and Physical Aggression from Middle Childhood through Early Adolescence" (with L. Rosen and M. Underwood) Aggressive Behavior, v35, No. 5, 357-375. 2009 "Persistent versus Periodic Experiences of Social Victimization: Predictors of Adjustment" (with L. Rosen and M. Underwood) Journal of Abnormal Child Psychology, v37, No. 5, 693-704.

2008

v32, No. 6, 549-562.

-3- Beron

"Family correlates of children's social and physical aggression with peers: Negative interparental conflict strategies and, parenting styles" (with M.

Underwood and J. Gentsch), International Journal of Behavioral Development,

2004 "Spatial Probit: A Monte Carlo Simulation" (with W. Vijverberg) in New Advances in Spatial Econometrics, ed. by L. Anselin; R. Florax; and S. Rey, Springer-Verlag. 2004 "Hedonic Price Functions and Spatial Dependence: Implications for the Demand for Urban Air Quality" (with Y. Hanson, J. Murdoch, and M. Thayer) in New Advances in Spatial Econometrics, ed. by L. Anselin; R. Florax; and S. Rey, Springer-Verlag. 2004 "The Detailed Age Trajectory of Oral Vocabulary Knowledge: Differences by Class and Race" (with G. Farkas), Social Science Research, v33, No. 3, 464-497. 2004 "Oral Language and Reading Success: A Structural Equation Modeling Approach" (with G. Farkas), Structural Equation Modeling, v11, No. 1, 110-131. 2003 "Why Cooperate? Public Goods, Economic Power, and the Montreal Protocol" (with J. Murdoch and W. Vijverberg), The Review of Economics and Statistics, v85, No. 2 (May, 2003), 286-297. 2001 "The Benefits of Visibility Improvement: New Evidence from the Los Angeles Metropolitan Area" (with J. Murdoch and M. Thayer), Journal of Real Estate *Finance and Economics*, v.22, No. 2 & 3, 319-337. 2001 Reprinting of "Returns to Skill, Compensating Differentials, and Gender Bias: Effects of Occupational Characteristics on the Wages of White Women and Men" (with B. Kilbourne, P. England, G. Farkas, and D. Weir) in Social Stratification: Class, Race, & Gender, 2nd edition, ed. D. B. Grusky, Westview Press, Boulder, Colorado. 1999 "Hierarchical Linear Models with Application to Air Pollution in the South Coast Air Basin" (with J. Murdoch and M. Thayer), American Journal of Agricultural Economics, 81, 5(Dec. 1999), 1123-1127. 1997 "An Analysis of the Housing Market Before and After the 1989 Loma Prieta Earthquake" (with J. Murdoch, M. Thayer, and W. Vijverberg), Land Economics, 73, 1(February 1997), 101-113. 1996 "Econometrics and the Law: Proving a Case for Lost Profits" (with K. Marshall), Texas Wesleyan Law Review, 2, 3(Spring 1996), 467-479. 1996 "Determinants of Country participation in Global Environmental Agreements" (with J. Murdoch and V. Shukla). In *Urbanization and Economic Growth*, V. Shukla, Oxford University Press, 396-411.

-4- Beron

1996 Family Linguistic Culture and the Childs Cognitive Skill Development (with G. Farkas). In Human Capital or Cultural Capital? Ethnicity and Poverty Groups in an Urban School District, G. Farkas, Aldine de Gruyter Press. 1994 "Returns to Skill, Compensating Differentials, and Gender Bias: Effects of Occupational Characteristics on the Wages of White Women and Men" (with B. Kilbourne, P. England, G. Farkas, and D. Weir), American Journal of Sociology, 100, 3(11/94), 689-719. 1994 "Effects of Individual and Occupational Characteristics on Earnings: An Intersection of Race and Gender" (with B. Kilbourne and P. England), Social Forces, 72, 4(6/94), 1149-1176. 1993 "Tax Compliance: An Investigation Using Individual TCMP Data" (with A. Witte and H. Tauchen), The Journal of Quantitative Criminology, 9, 2(6/93), 177-202. 1992 "The Effect of Audits and Socio-Economic Variables on Compliance" (with A. Witte and H. Tauchen). In Who Pays the Taxes, and Why?: Tax Compliance and *Enforcement*, edited by J. Slemrod, The University of Michigan Press. 1990 "Joint Determination of Current Classroom Performance and Additional Economics Classes: A Binary/Continuous Model." The Journal of Economic Education, 21:255-264. 1990 "Child Support Payment Behavior: An Econometric Decomposition." Southern Economic Journal, 56, 3(1/90): 650-663. 1990 "Policy Issues and Child Support Payment Behavior: Empirical Findings." *Contemporary Policy Issues*, 8, 1(1/90): 124-134. 1989 "Tax Compliance: An Investigation Using Individual TCMP Data" (with A. Witte and H. Tauchen). NBER Working Paper No. 3078. 1988 "Applying the Economic Model of Crime to Child Support Enforcement: A Theoretical and Empirical Analysis." The Review of Economics and Statistics, 70, 3(8/88): 382-390. 1988 "A Simultaneous Equations Model of Tax Reporting and IRS Auditing" (with A. Witte and H. Tauchen). NBER Working Paper No. 2556.

- 5 - Beron

- Funding Transportation Needs in the North Central Texas Area (with I. Hoch, J. Gilberg, D. Merriman, R. Straton). A report to the North Central Texas Council of Governments under sponsorship of the Urban Mass Transportation Administration, U.S. Dept. of Transportation, DOT-1-87-24, January. Republished by the U.S. Department of Transportation for national distribution.
- "Child Support Enforcement Program." *Social Security Bulletin*, 43, 3(3/80): 20-23+.

FUNDED AND PENDING RESEARCH GRANTS, UNFUNDED RESEARCH

Currently Funded Research

- 2009 2013 "Social Aggression: Growth and Outcomes," [Continuation of Director's Bridge Award] National Institutes of Health Director's Bridge Award, Feb 2009 Aug 2013. Co-Investigator with M. Underwood, PI.
- 2008 2011 "AOC: Publicly-Driven Investment: Individual and Neighborhood Dynamics," National Science Foundation, Oct 2008 Sept 2011. J. Murdoch, PI.

Currently Pending Funding

"Determinants of Heterogeneity in Math Skill Development: Contrasting Results from a Local and State Database." Submitted (with N. Jha) to NCER-DATA, Analysis of Longitudinal Data to Support State and Local Education Reform, Exploration Goal, Institute of Education Sciences. June 24, 2010. Principal Investigator. Two years. \$199,000.

"Estimates of the Relative Impacts of Housing, Schools and Neighborhoods on Educational Outcomes of Children Living in Low and Moderate Income Families." Submitted (J. Murdoch, PI) to MacArthur Foundation June 30, 2010. Senior Researcher. Two years. \$295,000.

Currently Unfunded Research or In Progress Research

"Effects and Feedback Loops in Family, School, and Neighborhood Effects on Youth Health Behaviors," National Institute of Child Health and Human Development, submitted Oct. 2009. Co-Investigator with K. Lykens and P. Jargowsky.

-6- Beron

Past Funded Research

2007 – 2009	"The Effects of Off-Campus Health Occupations Enrichment and Information Programs on the Selection of College Major in a Sample of College Bound Students from Three High Schools in the Dallas Independent School District," Texas Higher Education Coordinating Board, Sept 2007 – Dec 2009. J. Murdoch, PI.
2008 – 2010	"Father Care: Levels, Sources, and Consequences," National Institute of Child Health and Human Development, Sept 2008 – Aug 2010. Co-Investigator with M. Owen, PI.
2008 – 2009	"Social Aggression: Growth and Outcomes," National Institutes of Health Director's Bridge Award, June 2008 – May 2009. Co-Investigator with M. Underwood, PI.
2001-2002	Manager, Internet Survey Implementation, City of Richardson High Tech Employee Survey with the UTD Bruton Center. Managed web implementation of survey designed to be administered to approximately 60,000 Richardson employees (summer salary).
2000-2001	Consulting Expert for the City of Dallas with the UTD Bruton Center in Charles Miller, et al. v. City of Dallas. Performed property value analysis for the City of Dallas using census data (summer salary).
Sum. 2000	Faculty Research Grant, School of Social Sciences (summer salary).
1997-1999	National Science Foundation/Environmental Protection Agency Grant. "Improving Air Quality Benefit Estimates from Hedonic Models" (with J. Murdoch and M. Thayer) (\$124,931).
1988-1989	Texas Advanced Research Proposal Grant. "The Economics of Child support Noncompliance and AFDC Participation," Texas Higher Education Coordinating Board (\$65, 788).

PRESENTATIONS

2010 "The Effects of Diversity Programs on College Major of Urban Inner City High School Students," (with L. Millner, M. Martin, and J. Murdoch). Colloquium presentation made to The National Area Health Education Centers 2010 Annual Conference, Las Vegas, June 22, 2010.

-7- Beron

2010 "Sources and Outcomes of Variations in Father Care as a Caregiving Context in Early Childhood," (with M. Owen and J. Klausi. 12th World Congress of the World Association for Infant Mental Health in Leipzig, Germany July 1, 2010, Peer-reviewed poster presentation (M. Owen). 2009 "Peer Victimization as a Mediator of the Relation Between Facial Attractiveness and Internalizing Problems," (with L. Rosen and M. Underwood). Society for Research in Child Development 2009 Biennial Meetings. 2009 "Variations in Father Care as a Routine Child Care Arrangement in the First Four Years" (with M. Owen and J. Klausi). Poster presentation, Society for Research in Child Development 2009 Biennial Meetings. 2009 "Trajectories of Internalizing Problems as a Function of Continuity and Change in Social Victimization" (with L. Rosen, M. Underwood, and J. Gentsch). Poster presentation at the Society for Research in Child Development 2009 Biennial Meetings. 2009 "The Institutional Review Board Process – Surveys and the NCAA" Presentation at Faculty Annual Meeting and Symposium, St. Louis, Nov. 13, 2009. 2007 "Girls' and Boys' Aggression in Middle Childhood and Adolescence: Forms, Contexts, and Social Processes" (K. Beron, M. K. Underwood, J. Kain Gentsch). Presentation for Society for Research in Child Development 2007 Biennial Meetings. 2006 "North Texas Regional Rail Survey Results" (with D. Hicks) of Regional Rail Survey results to Regional Rail Commission headed by Mayor Gary Slagel and Senator Florence Shapiro, October 6, 2006. 2006 "Three Structural Models of the Dynamic Interrelations Between Adolescent Friendship and Adjustment in Longitudinal Data" (with D. Buhrmester and R. Tao). Presented at the Society for Research on Adolescents 2006 Biennial Meetings. 2001 "Family Linguistic Culture and Social Reproduction: Verbal Skill from Parent to Child in the Preschool and School Years" (with G. Farkas), Population Association of America Annual Meeting, 3/01. 1999 "Hierarchical Linear Models of the Hedonic Price of Air Pollution with Application to the South Coast Air Basin" (with J. Murdoch and M. Thayer), American Agricultural Economics Association Annual Meeting, 8/99.

-8- Beron

1998	"Hedonic Price Functions and Spatial Dependence: Implications for the Demand for Urban Air Quality" (with Y. Hanson, J. Murdoch, and M. Thayer), North American Meetings of the Regional Science Association International, 11/98.
1998	"Proving Lost Profits" (with K. Marshall), The Dallas Bar Association, 1/98.
1995	"Mediating Variables for the Relationship Between Class/Race Background and Reading Performance: The Role of Basic Cognitive Abilities" (with G. Farkas), The American Sociological Association Meetings, 8/95.
1994	"Reforming Compensatory Education with Reading One-One" (with G. Farkas, K. Vicknair, and D. Walters), Association for Public Policy Analysis and Management, 10/94.
1993	"Effects of Changing Individual, Occupational and Industrial Characteristics on Changes in Earnings: An Intersection of Race and Gender" (with B. Kilbourne and P.England), Tennessee Southern Sociological Society, 4/93.
1992	"Determinants of Country Participation in Global Environmental Agreements" (with J. Murdoch and V. Shukla), Association for Public Policy Analysis and Management, Denver, 10/92.
1991	"Effects of Individual and Occupational Characteristics on Earnings: An Intersection of Race and Gender" (with B. Kilbourne and P. England), American Sociological Association, Cincinnati, 8/91.
1990	"The Effect of Audits and Socio-Economic Variables on Compliance." Research Conference on Tax Compliance and Tax Law Enforcement (with A. Witte and H. Tauchen), Office of Tax Policy Research, University of Michigan, 12/90.
1989	"Joint Determination of Current Classroom Performance and Additional Economics Classes: A Binary Continuous Model." American Economic Association Meetings, Atlanta, 12/89.
1989	"Child Support Payment Behavior: An Econometric Decomposition." Law and Society Association, Madison, Wisconsin, 6/89.
1988	"A Structural Equation Model for Tax Compliance and Auditing." National Bureau of Economic Research's Program in Taxation (with A. Witte and H. Tauchen), 12/88.
1988	"Child Support: An Analysis of Partial Payers." Invited Session, Western Economic Meetings, Los Angeles, 7/88.

-9- Beron

1987	"The Existence of a Child Support Order: How Robust are the Results?" Southern
	Economic Association Meetings, Washington, D.C., 11/87.

- "Applying the Economic Model of Crime to Child Support Enforcement." Southern Economic Association Meetings, New Orleans, 11/86.
- "Applying the Economic Model of Crime to Child Support Enforcement." Ohio University Dept. of Economics Lecture Series, Athens, Ohio, 10/86.

PROFESSIONAL ACTIVITIES, HONORS, AND AWARDS

NCAA Division III Faculty Athletics Representative (FAR) Fellow – selected for the inaugural class of Fellows. The focus is on helping both lead and mentor FARS at the approximately 450 DIII universities that include about 160,000 student athletes.

Chair, NCAA Research Committee – elected to Chair (2008-10) the Association-wide committee responsible for research across all divisions of the NCAA.

Consultant to Mayor of the City of Richardson, Gary Slagel, on sales tax and transportation issues, February 27, 2006

Consultant to *Dallas Morning News* – Provided analytic help with sales tax project that culminated in story, including personal cites, September 25, 2002.

Research on education cited by USA Today (April 12, 2001).

Research on education cited by *Education Week* (May 30, 2001).

Editorial Board Member, Structural Equation Modeling: A Multidisciplinary Journal, 1993-1997.

Associate Editor, Evaluation Review, 1988-1992.

Greater Dallas Chamber of Commerce-Tax Policy Committee (early 1990s)

Member of Internal Revenue Service's Standing Review Panel to evaluate research proposals requesting use of Tax Compliance Measurement Program database. (mid 1990s)

Coordinator of national computer bulletin board on economic education research, ECONED-L, on the Internet. (throughout 1990s)

- 10 - Beron

Who's Who in America, Marquis, 57th ed.

Who's Who in Finance and Industry, Marquis, 29th ed.

Who's Who in American Education, Marquis, 5th ed.

Instructor in accredited continuing legal education seminars

Institute for Policy Studies and Information Services member

Visiting Scholar. ICPSR. University of Michigan, Summer 1989 and Summer 1990 attending Lisrel Workshops.

Visiting Scholar. Department of Economics. Princeton University, Summer 1988. Research in Economic Education.

Visiting Scholar. ICPSR. University of Michigan, Summer 1987. Survey of Income and Program Participation.

Discussant - American Economic Association panels Discussant - Southern Economic Association panels

Referee - American Political Science Review

Referee - The Review of Economics and Statistics

Referee - The National Tax Journal

Referee - Southern Economic Review

Referee - Structural Equation Modeling: An Interdisciplinary Journal

Referee - Journal of Economic Behavior and Organization

Referee - Journal of Economic Education

Referee - American Journal of Sociology

Referee - Journal of Real Estate Finance and Economics

Referee - Economics of Education

American Economic Association member Society for Research in Child Development Population Association of America member Southern Economic Association member Association for Public Policy Analysis and Management Law and Society Association Member

In addition, I have been a testifying or consulting expert in approximately ten legal cases.

-11- Beron

TEACHING ACTIVITIES

Dissertation Committees

Chair

Chair of four dissertation committees – names withheld as requested.

Dissertation Committee Member (with year of proposal or final defense)

Served on 39 dissertations – names withheld as requested.

Recent Graduate Classes Taught

Political Economy (POEC) 5305 Microeconomics for Policy I. This course develops the tools of economic analysis and demonstrates their uses for decision making and the evaluation of public policies. Required course for doctoral students in Political Economy, and masters students in Public Affairs and in Applied Sociology.

Political Economy (POEC) 5313 Descriptive and Inferential Statistics.

This course provides a broad introduction to the principles and techniques of data analysis and statistical inference. Required course for doctoral students in Political Economy, and masters students in Public Affairs, masters students in Applied Sociology, and masters students in geographic information systems.

POEC/ECO 5314 Public Sector Economics. This course examines the economic role of government in a mixed economy. The course is in the curriculum of the doctoral programs in Economics and Political Economy and the masters programs in Applied Economics and Public Administration.

EPPS 7318 Structural Equation and Multilevel (Hierarchical) Modeling. This course is an introduction to structural equation modeling (SEM) and multilevel modeling (MLM. The course is in the curriculum of the doctoral programs in Economics and Political Economy and the masters programs in Applied Economics.

OPRE 6301 Quantitative Methods for Business Decision Making. This class provides a broad introduction to the principles and techniques of data analysis and statistical inference. The course is required in the accredited Global Executive MBA program and is taught primarily on-line.

- 12 - Beron

Recent Undergraduate Classes Taught

Economics 2302 Principles of Microeconomics – Honors Section

Economics 3310 Intermediate Microeconomics

Economics 4320 Public Sector Economics

Economics 4355 Econometrics

UNIVERSITY SERVICE PERFORMED

Special Service Contributions To Program, School, or University – 2010

Chair, EPPS Applied Econometrician Search Committee, Fall 2010

November 15, 2010 – current – Chair *ad hoc* committee for investigation of NCAA possible violation – report to Vice-President for Student Affairs

April 6, 2010 – April 23 – Chair *ad hoc* committee for investigation of NCAA possible violation – report to Vice-President for Student Affairs

General University Service

Academic Council Member, steering committee for UTD Senate

Senator, University of Texas at Dallas Faculty Senate

Chair, University Information Resources Committee

Chair, University of Texas at Dallas Committee on Educational Policy

Chair, Comets Hall of Honors Committee

Chair, University Sub-committee on Computers in the Classroom

Chair, Search Committee for Athletic Director

Chair, Search Committee for Assistant Athletic Director

Chair, Search Committee for Head Baseball Coach

Chair, Search Committee for Head Softball Coach

Member, Search Committee for Head Baseball Coach

Chair, Computing in the Social Sciences Committee

- 13 - Beron

Chair, Search committees for Senior Lecturers

Coordinator of University of Texas at Dallas economics program (CUS Committee) Member, Ad-hoc University of Texas at Dallas Athletics' Compliance Committee

Member, Athletic Advisory Board

Member, Ph.D. Theory Examination Committee, Public Policy and Political Economy

Member, Ph.D. Methods Examination Committee, Public Policy and Political Economy

Member, Ph.D. Microeconomics Examination Committee, Economics

Member, Ph.D. Econometrics Examination Committee, Economics

Member, University Teaching Evaluation Review Committee

Member, University Committee on Committees

Member, Committee on Research Involving Human Subjects (Institutional Review Board)

Member, University Self-Study Committee on Financial Resources

Member, Masters Council (Directors of Undergraduate Programs of each School)

Member, Search Committee for the Dean of the School of Social Sciences, UTD

Member, Search Committee for Executive Director of Information Resources, UTD

Member, Search Committee for Director of the Bruton Center, School of Social Sciences, UTD

Member, University Freshman Admissions Committee

Member, University Sub-committee on Research Computing

Member, Committee on Doctoral Studies

Member, Committee on the Master of Public Affairs Program

Member, Committee on Student Fellowships and Scholarships

- 14 - Beron

Member, Committee on Undergraduate Requirements and Education

Member, Faculty Search Committees for Economics and Political Economy

Member, Undergraduate Research Methods Committee

Member, University Employee Wellness Committee

- 15 - Beron