May 16, 2016

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## Personal

**Date of Birth:** April 19, 1944

**Place of Birth:** Chicago, Illinois

## Education

B.A. 1965 (Math) Colorado College (summa cum laude)
M.A. 1968 (Econ) Princeton University
Ph.D. 1971 (Econ) Princeton University

### Dissertation

"Three Essays on Household Labor Supply and the Demand for Market Goods."
**Sponsors:** S. Black, H. Kelejian, A. Rees

### Graduate and Undergraduate Academic Honors

Phi Beta Kappa
Woodrow Wilson Fellow
NDEA Fellow
NIH Fellow
Harold Willis Dodds Fellow

## Post-Graduate Honors

### Honorary Degrees and Professorships

Doctor of Social Sciences Honoris Causa, Lignan University, China. November, 2015.

Honorary Doctorate of Science (Economics), University College London. September, 2013.

Doctor Honoris Causis, Pontifical University, Santiago, Chile. August, 2009.

Doctor Honoris Causis, University of Montréal. May 2004.

Doctor Honoris Causis, Bard College, May 2004.

Doctor Honoris Causis, UAEM, Mexico. January 2003.

Doctor Honoris Causis, University of Chile, Fall 2002.

Honorary Doctor of Laws, Colorado College, 2001.

Honorary Professor, Jinan University, Guangzhou, China, June, 2014.

Honorary Professor, Renmin University, P. R. China, June, 2010.

Honorary Professor, Beijing Normal University, P. R. China, June, 2010.

Honorary Professor, Harbin Institute of Technology, P. R. China, October, 2007.

Honorary Professor, Wuhan University, Wuhan, China, 2003.

Honorary Professor, Huazhong University of Science and Technology, Wuhan, China, 2001.

Honorary Professor, University of Tucuman, October, 1998.

Honorary Member, Latin and Caribbean Economic Association, 1999.

**Awards and Honors**

Bank of Sweden Prize in Economic Sciences in Honor of the Memory of Alfred Nobel, 2000.

John Bates Clark Medal, American Economic Association, 1983.

Dan David Prize for Combating Poverty, Tel Aviv University. May, 2016.

James Madison Medal for Distinguished Graduate Alumni, Princeton University. February, 2016.

Frisch Medal, Econometric Society, 2014. Awarded every two years for an outstanding applied article (empirical or theoretical) published in *Econometrica* during the past five years.

Spirit of Erikson Award, Erikson Institute, 2014. Awarded for significant contributions to the education and development of children.

Distinguished Contributions to Public Policy for Children Award, Society for Research in Child Development, 2009.

Gold Medal of the President of the Italian Republic, Awarded by the International Scientific Committee of the Pio Manzù Centre, 2008.

Theodore W. Schultz Award, American Agricultural Economics Association, January 2007.

Dennis J. Aigner Award for Applied Econometrics, *Journal of Econometrics*, 2007.

Sun Yefang Economic Science Award, 2007.

Ulysses Medal, University College Dublin, 2006.

Jacob Mincer Award for Lifetime Achievement, Society of Labor Economics, 2005.

Dennis J. Aigner Award for Applied Econometrics, *Journal of Econometrics*, 2005.

Medal of Excellence, Centres of Excellence for Children's Well-Being, Montreal University, "Exceptional Contributions to Childhood Development", May 2004.

Statistician of the Year, Chicago Chapter of the American Statistical Association, 2002.

First Annual Louis T. Benezet Distinguished Alumnus Award, Colorado College, 1985.

Elevated to Distinguished Service Professorship, University of Chicago, 1995–.

A. Whitney Griswold Professor of Economics, Yale University, 1988–1990.

Henry Schultz Professor of Economics, University of Chicago, 1985–.

Irving Fisher Professor, Yale University, Fall 1984.

**Fellowships (Year Appointed)**

Fellow, Econometric Society, 1980

Fellow, American Academy of Arts and Sciences, 1985

Research Professor, American Bar Foundation, 1991

Member, National Academy of Sciences, 1992

Fellow, American Statistical Association, 2001

Fellow, *Journal of Econometrics*, 2005

Fellow, Society of Labor Economics, 2004

Resident Member, American Philosophical Society, 2008

Fellow, International Statistical Institute, 2008

Fellow, American Association for the Advancement of Science, 2009

Lifetime Member, Irish Economic Association, 2009

Member, National Academy of Education, 2010

Honorary Academician, Academica Sinica, Republic of China/Taiwan, July, 2010

Corresponding Member, Brazilian Academy of Sciences, 2011

Fellow, The Society for Economic Measurement, 2013

Kenneth Boulding Fellow, American Academy of Political and Social Science. May, 2016.

**Post Graduate Support for Released Time**

John Simon Guggenheim Memorial Fellowship, 1978–1979.

Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford University, 1978–1979.

Social Science Research Council Training Fellow, 1977–78.

Harry Scherman Fellow, National Bureau of Economic Research, 1972–1973.

## Professional Experience

### University of Chicago

Henry Schultz Distinguished Service Professor, 1995–
Henry Schultz Professor, 1985–1995
Professor of Economics, 1977–
Associate Professor, 1973–1977 (tenured, 1974)
Professor, Irving B. Harris School of Public Policy, 2011–
Affiliated Faculty, Irving B. Harris School of Public Policy, 1990–2011
Director, Center for Social Program Evaluation, Harris School of Public Policy 1991–2011
Director, Economics Research Center, University of Chicago, 1998–2006
Director, Center for the Study of Childhood Development, Harris School of Public Policy, University of Chicago, 2009–2014
Professor of Law, University of Chicago School of Law, 2011–
Director, Center for the Economics of Human Development, University of Chicago, 2014–

### American Bar Foundation

Research Fellow, 1991–

## Institute for Fiscal Studies

International Research Fellow, 2014–

### University College Dublin

Professor of Science and Society, 2005–2014

### University College London

Distinguished Chair of Microeconometrics, 2004–2008

### University of Southern California

USC Presidential Scholar-in-Residence, Leonard D. Schaeffer Center for Health Policy and Economics, 2015–

### Yale University

Alfred Cowles Distinguished Visiting Professor, Cowles Foundation, 2008–2011

A. Whitney Griswold Professor of Economics, 1988–1990

Professor of Statistics, 1990

Yale Law School Lecturer, 1989–1990

**National Bureau of Economic Research**

Associate, 1971–1985, 1987–
Research Fellow, 1972–1973

**Peking University**

Changjiang River Scholar Professor, 2004–2008

**National Opinion Research Center**

Research Associate, 1979

**RAND Corporation**

Consultant 1975–1976

**Columbia University**

Associate Professor 1973–1974
Assistant Professor, 1971–1973
Lecturer, 1970–1971

**New York University**

Adjunct Assistant Professor, 1972

**Council of Economic Advisors**

Junior Economic Advisor, 1967

**Previous Positions**

Martin-Marietta Aerospace Systems Engineer, 1965

**Other Professional Activities**

1. Director, Human Capital and Economic Opportunity Global Working Group, with Robert Dugger and Steven Durlauf (Sponsored by the Institute for New Economic Thinking), 2011–
2. Member, Research Council, Becker-Friedman Institute for Research in Economics, 2011–2017
3. Member, Faculty Steering Committee for the University of Chicago Beijing Center, 2013–2016
4. Member, Advisory Committee of the China Institute of Income Distribution Studies, Beijing Normal University, 2011–

5. Senior Advisor, China Development Research Foundation, October, 2012–
6. Past President, The Econometric Society, 2014 (Cycle: Second Vice-President, 2010-2011; First Vice-President, 2011-2012; President, 2013; Past President, 2014)
7. Member, Executive Committee, The Econometric Society, 2010–2014
8. Member, 1997 National Longitudinal Survey of Youth Advisory Panel, NORC, 2008–
9. *IZA Journal of Labor Economics*, Associate Editor, 2012–
10. *Journal of Political Economy*, Co-Editor, 2011–
11. *Annual Review in Economics*, Co-Editor, 2007–2011
12. Member, International Statistical Institute, 2007—
13. Advisory Board, *Journal of Applied Econometrics*, 2007–2013
14. President, Western Economics Association 2003 (Cycle: VP (2003–2004), President Elect (2004–2005), President (2005–2006))
15. Council, Econometric Society, 2000–2006
16. President, Midwest Economics Association, 1998.
17. *Econometrics Reviews*, Co-Editor; Associate Editor, 1987–
18. *Handbook of Econometrics* Vol. 5, Co-Editor with Ed Leamer
19. *Handbook of Econometrics* Vol. 6A, Co-Editor with Ed Leamer
20. *Handbook of Econometrics* Vol. 6B, Co-Editor with Ed Leamer
21. Vice President, American Economic Association, 2010
22. American Economics Association, Executive Committee Member, 2000–2003
23. Science, Technology and Economic Policy Board, National Research Council, Member 2000–
24. *Evaluation Review*, Associate Editor, 1991–1996
25. *Journal of Economic Perspectives*, Associate Editor, 1989–1996
26. *Review of Economics and Statistics*, Associate Editor, 1994–2002
27. Member, Advisory Board and Dean's Search Committee, School of Public Policy, University of Chicago, 1985–1988
28. Member, National Academy of Sciences Panel on the Status of Black Americans, 1985–1988
29. *Journal of Labor Economics*, Editorial Board, 1983–2008

30. Member, National Academy of Sciences Panel On Statistical Assessments as Evidence in the Courts, 1982–1985

31. *Review of Economic Studies*, Associate Editor, 1982–1985

32. *Journal of Political Economy*, Co-Editor, 1981–1987

33. Member, Board of Overseers, Michigan Panel Survey of Income Dynamics, 1981–1984

34. *Journal of Econometrics*, Editor of the Special Issue on Panel Data, 1981

35. Member, Advisory Board Chicago Urban League, 1980–1987

36. Academic Press Editor of Labor Economics Series, 1980–1984

37. *Journal of Econometrics*, Associate Editor, 1977–1983

38. National Science Foundation Evaluation Panel in Economics - Member, 1977–1979

39. London School of Economics, Visitor, Spring 1977, Center for Research on the Economics of Education

40. University of Wisconsin Institute for Research on Poverty, Visiting Professor, Fall 1977

41. *Annals of Economic and Social Measurement*, Editor of Volume 5, number 4, special issue on Discrete, Qualitative and Limited Dependent Variables, 1976

42. Social Science Council Research Committee on Research Methods for Longitudinal Data, 1976–1979, 1981–1982

## Major Invited Lectures

1. "The Economics and Econometrics of Social Mobility and Human Development," CEMMAP Master Class, Centre for Microdata Methods and Practice, University College London. June 23-26, 2016.

2. "Creating and Measuring Capabilities," Dan David Prize Award Ceremony, Symposium on Combatting Poverty, Tel Aviv University, Tel Aviv, Israel. May 22, 2016.

3. "Creating and Measuring Capabilities," Guangzhou Public Lecture, Jinan University, Guangzhou, China. March 14, 2016.

4. "Creating and Measuring Capabilities," Nanqiang Award Public Lecture, Xiamen University, Xiamen, China. March 11, 2016.

5. "Inequality, Social Mobility, and Public Policy," James Madison Medalist Award Ceremony, Princeton University, Princeton, NJ. February 20, 2016.

6. "Microeconomics of Life Course Inequality: A Tale of Two Tails and the Middle Too," ASSA Continuing Education Program, AEA Annual Meeting. San Francisco, CA. January 5-7, 2016.

7. "Human Development is Economic Development," Dinner with Congressman Richard Hanna, Washington, DC. November 30, 2015.

8. "The Causal Effects of Education on Earnings and Health," Workshop on "Migration, Human Capital and Child/Youth Development," Institute for Advanced Research, Shanghai University of Finance and Economics. November 19, 2015.

9. "Creating Capabilities," Hong Kong University of Science and Technology, Hong Kong, November 17, 2015.

10. "Social Mobility and Inequality," Henry George Lecture, St. John's University, Peter J. Tobin College of Business. November 9, 2015.

11. "The Non-Market Benefits of Abilities and Education," The Life and Work of Gary Becker: A Conference Dedicated to His Research on Human Capital, Becker Friedman Institute, Chicago, IL. October 16, 2015.

12. "Using Behavior to Infer Skills," Conference on Measuring and Assessing Skills, Session II: Measuring Skills from Real World Behavior. Chicago, IL. October 1, 2015.

13. "Creating Flourishing Lives: The Dynamics of Capability Formation," Amartya Sen Lecture, Human Development and Capability Association Annual Conference, Washington, DC, September 11. 2015.

14. "How Economics Guides the Interpretation of Data," 11th World Congress of the Econometric Society, Montreal, August 18, 2015.

15. "The Rate of Return to the Carolina Abecedarian Program and A New Cost-Benefit and Rate of Return Analysis for the Perry Preschool Program," International Congress: Invest Early: Contributions to the Zero-Based Budget, Mexico City, July 13, 2015.

16. Panelist, "Setting the Stage," World Education Forum 2015, Incheon, Republic of Korea, May 19, 2015.

17. "Fostering and Measuring Skills: Interventions that Improve Character and Cognition," Spencer Foundation and OECD Foundations Forum on Social and Emotional Skills. Chicago, IL, May 12, 2015.

18. "Going Forward Wisely," Education Writers Association National Seminar, Chicago, IL, April 21, 2015.

19. "Creating Capabilities," Growing Up Happy and Healthy: Scientific Findings: A Symposium, Hong Kong Early Childhood Research Foundation, Hong Kong, Peoples Republic of China, March 30, 2015.

20. "The Market and Nonmarket Returns to Education," Sandmo Lecture on Public Policy, Bergen, Norway. January 13, 2015.

21. "Going Forward Wisely," White House Summit on Early Childhood Education, The White House, Washington, DC. December 10, 2014.

22. "Early Education Programs in the US: Background and Evaluations," Means-Tested Transfer Programs, NBER, Cambridge, MA. December 6, 2014.

23. "Identifying and Estimating the Causal Effects of Education: A Synthesis of Structural and Treatment Effect Approaches," Econometrics Conference in Honor of Dr. Maasoumi, Emory University, Atlanta, VA. November 15, 2014.

24. "Keynote: The Impact of Gary Becker's Work," A Celebration of the Life and Work of Gary S. Becker, University of Chicago, Chicago, IL. October 31, 2014.

25. "Predistribution: A Strategy for Promoting Flourishing Lives," Your Light Will Rise in the Darkness: Responding to the Cry of the Poor, Notre Dame, IN. October 30, 2014.

26. "Creating Capabilities," Research Institute of Economy, Trade & Industry (RIETI), Tokyo, Japan. October 8, 2014.

27. "The Market and Nonmarket Returns to Schooling," Conference on Evidence on Schooling and Wellbeing, Aarhus University, Aarhus, Denmark. August 29, 2014

28. "The Market and Nonmarket Effects of Schooling," China Meeting of Econometric Society, Xiamen University, China. June 25, 2014.

29. "Causal Models, Structural Equations, and Identification: Stratification and Instrumental Variables," Asia Meeting of the Econometric Society, Fuzukawa Lecture, Taipei, Taiwan. June 22, 2014.

30. "Creating Flourishing Lives," University of Chicago New Delhi Center Opening, New Delhi, India. March 29, 2014.

31. "Fostering and Measuring Skills: Interventions that Improve Character and Cognition," Organisation of Economic Co-operation and Development, Meeting of OECD Education Ministers, São Paulo, Brazil. March 24, 2014.

32. "Investing in Education: A Conversation with an Economist and an Educator," First meeting of the Scientific Committee of the Reggio Emilia Foundation, Reggio Emilia, Italy. February 21, 2014.

33. "The Economics and the Econometrics of Human Development," Econometric Society Presidential Address, Allied Social Sciences Association Meetings, Philadelphia, PA. January 2, 2014.

34. "The Economics and Econometrics of Human Development," Latin American and Caribbean Economic Association Meeting and Latin American Meeting of the Econometric Society, El Colegio de México, Mexico City. November 1, 2013.

35. "The Economic Case for Investing in Young Children," National Business Leader Summit on Early Childhood Investment, Atlanta, GA. September 22, 2013

36. "The Economics and Econometrics of Human Development," Presidential Address, European Meeting of the Econometric Society, Gothenburg, Sweden. August 27, 2013

37. "A Life Cycle Strategy for Promoting Capabilities," Henderson County Community Early Childhood Investment Luncheon, Henderson, KY. July 23, 2013.

38. "The Economics and Econometrics of Human Development," Presidential Lecture, Econometric Society, Beijing, China. June 14, 2013.

39. "Causal Analysis After Haavelmo," Session: History of Econometrics and the Econometric Society, European Meeting of the Econometric Society, Gothenburg, Sweden. August 28, 2013.

40. "Investing in Early Childhood: Developing Skills for a Better Future," Deans International Council, "Public Policy in Context: Domestic and Global," Gleacher Center. May 9, 2013

41. "Investing in Early Childhood: Developing Skills for a Better Future," Education Writers of America National Seminar. "Creativity Counts: Innovation in Education and the Media," Palo Alto, CA. May 3, 2013

42. "The Economics of Inequality and Human Development," ABF Research Seminar, Chicago IL. May 1, 2013

43. Video Presentation prepared for the Conference of Legislators for Hemispheric Latin America, Brasilia, Brazil. April 18, 2013

44. i3 Webinar with Secretaries Duncan and Sebelius on Early Learning. April 16, 2013

45. "Economic Growth and Inequality in China," INET Annual Conference, Hong Kong. April 6, 2013

46. "A Framework for Analyzing Human Development Over The Life Cycle," Workshop on Early Childhood Development, University of Zurich, March 22, 2013

47. "The Skills Problem," Nebraska Chamber of Commerce and Industry 2013 Legislative Caucus and Annual Meeting, Lincoln, NE. February 7, 2013

48. "Creating and Measuring Capabilities," U.S. Government Action Plan on Children in Adversity, The White House, December 19, 2012.

49. "Noncognitive Skills and Socioemotional Learning," Research Symposium on Learning, Brookings Institution Center for Universal Education, Washington DC. December 6, 2012

50. Eunice Kennedy Shriver National Institute of Child Health and Human Development, "A Scientific Colloquium in Celebration of the Institutes 50th Anniversary 1962 2012: Research For A Lifetime," Masur Auditorium, NIH Bethesda Campus, Bethesda, MD. December 5, 2012

51. "Causal Analysis After Haavelmo: Definitions and a Unified Analysis of Identification of Causal Models," Keynote Address, European Seminar on Bayesian Econometrics, Vienna University of Economics and Business, Vienna, Austria. November 1-2, 2012

52. "The Skills Problem," Keynote Address, 2012 Kentucky Economic Association, Georgetown College, Georgetown KY. October 26, 2012

53. "The Skills Problem," Convocation, Berea College, Berea, KY. October 25, 2012

54. "The Skills Problem," Keynote Address, The Governors Office of Early Childhood Kentucky Chamber of Commerce and Prichard Committees Business Leaders for a Strong Start, Lousiville, KY. October 24, 2012

55. "Creating and Measuring Capabilities," Keynote Lecture, The Third International Conference on Poverty Alleviation and Child Development Child Development and Research Forum, Beijing, China, October 18, 2012

56. "Structural Estimation of Behavioral Models: A Conference in Honor of Kenneth I. Wolpin," University of Pennsylvania, University Park, PA. September 21-22, 2012

57. "Hard Evidence on Soft Skills," Keynote Address, 2012 Chinese Economists Society Annual Conference, Henan University, Kaifeng, China. June 24, 2012

58. "The Skills Problem," Lumen Christi Institutes Fourth Annual Conference on Economics and Catholic Social Thought, "Toward a Moral Economy", Chicago, IL. June 1, 2012

59. "Hard Evidence on Soft Skills," Robert (Bob) J. Lampman Memorial Lecture, Institute for Research on Poverty (IRP) at the University of Wisconsin-Madison, Madison, WI. May 16, 2012.

60. "Hard Evidence on Soft Skills," Frank Knight Lecture, Cornell University, Ithaca, NY. April 26, 2012.

61. "A Framework for Analyzing Human Development over the Life Cycle and across Generations," Presented at the TrygFonden symposium "Improving the Well-Being of Children and Youth," The Carlsberg Academy, Copenhagen. January 29th, 2012.

62. "The Case for Investing in Disadvantaged Young Children," Remarks at the White House Conference on "Race to the Top - Early Learning Challenge Awards Announcement," Washington DC. December 16th, 2011.

63. "Hard Evidence on Soft Skills," The Development Economics Vice Presidency (DEC) Lecture, World Bank, Washington DC. December 15, 2011.

64. "The Developmental Origins of Health: Models and Evidence," Stephen Frankel Lecture, University of Bristol, November 16, 2011.

65. "Hard Evidence on Soft Skills," Adam Smith Lecture, 23rd Annual Conference, European Association of Labour Economists, Paphos, Cyprus, September 24, 2011.

66. "Understanding the Mechanisms Through Which an Influential Early Childhood Program Boosted Adult Outcomes," Asian Meeting of the Econometric Society, Seoul, Korea, August 12, 2011.

67. "Marschak's Maxim," Marschak Memorial Lecture, UCLA Anderson School of Management, June 3, 2011.

68. "The Economics and Psychology of Human Development and Inequality," and "The Economics and Psychology of Human Development and Inequality Lecture II: Understanding the Origins of Inequality and Understanding Effective Interventions and the Channels Through Which They Work," Marshall Lectures, University of Cambridge, Cambridge, UK. May 17-18, 2011.

69. "The Developmental Origins of Inequality: Implications for Social Policy," Manchot Lecture, University of Bonn, Bonn, Germany. January 28, 2011.

70. "Understanding the Origins of Inequality," Invited Keynote speaker, First Annual MOVE Distinguished Visitor's Lecture, December 21, 2010, Barcelona, Spain.

71. "Building Bridges Between Structural and Program Evaluation Approaches to Evaluating Policy," Keynote Lecture, Italian Statistical Society Scientific Meeting, Padua, Italy, June 16, 2010

72. "Estimating the Technology of Cognitive and Noncognitive Skill Formation," Keynote Lecture, Understanding Ageing: Health, Wealth, and Wellbeing to Age Fifty and Beyond, St. Catherine's College Oxford, UK. April 14-16, 2010.

73. "Understanding the Sources of and Solutions to Human Inequality," Keynote Lecture, Meeting on Early Childhood Education, Rio de Janeiro, Brazil. December 17, 2009.

74. "The Developmental Origins of Adult Health: Cognition, Personality, and Education," 6th Annual Nestlé International Nutrition Symposium, Lausanne, Switzerland. October 22, 2009.

75. "Policies to Promote Growth in Mexico," Bank of Mexico. October 19, 2009.

76. "Policies to Foster Human Development," Developing Africa: an Opportunity for Europe, Italy and Sicily; Taormina, Italy. October 1, 2009.

77. "Investing in our Young People: Lessons from Economics and Psychology," Lectio Magistralis, Catholic University Milan. September 28, 2009.

78. "Estimating the Technology of Cognitive and Noncognitive Skill Formation," Plenary Lecture, Econometric Society. June 6, 2009.

79. "Estimating the Technology of Cognitive and Noncognitive Skill Formation," Vilfredo Pareto Lectures in Economics and Social Sciences, Collegio Carlo Alberto. June 9, 2009.

80. "The Economics and Psychology of Personality," Identity and the Global Crisis: Festival of the Economy, Trento, Italy. May 29, 2009.

81. DEW/ESR Guest Lecture, "The Economics and Psychology of Personality." Irish Economic Association 23rd Annual Conference, Blarney, County Cork, Ireland. April 26, 2009.

82. "The Economics and Psychology of Inequality and Human Development," The Jacob Marschak Interdisciplinary Colloquium on Mathematics in the Behavior Sciences at UCLA. October 6, 2008.

83. "The Economics and Psychology of Inequality and Human Development," Marshall Lecture, European Economics Association, Milan, Italy. August 29, 2008.

84. "How Viable is the Welfare State?" World Justice Forum, Vienna, Austria. July, 2008.

85. "The Option Value of Educational Choices and the Rate of Return to Educational Choices," Cowles Foundation Structural Conference, Yale University. June 13, 2008.

86. "Skills, Schools and Synapses," Coping with the Accident of Birth: The Case for Early Childhood Interventions. Den Haag, Netherlands. May 27, 2008.

87. "Noncognitive Skills: Acquisition and Economic Consequences," Plenary Lecture, Leibniz Network Conference, Mannheim, Germany. May 15, 2008.

88. "Understanding the GED," Albert Rees Memorial Lecture, Society of Labor Economists Annual Meetings, May 9, 2008.

89. "How Viable is the Welfare State?" and "The Technology of Skill Formation," King Saud University Lecture, Riyadh, Saudi Arabia. March 8-10, 2008.

90. Congress on Early Childhood Education: "Early Childhood Education–Educational Investments with Better Effects", "The Dynamism of Educational Investments in the Course of Life: Why Saving in Education is Expensive." Leipzig, Germany. March, 2008.

91. "The Economics of Investing in Children: The Role of Cognitive and Non-Cognitive Skills," George Seltzer Distinguished Memorial Lecture, Minneapolis, Minnesota, December 6, 2007.

92. "The Economics of Investing in Children: The Role of Cognitive and Non-Cognitive Skills," Bertha C. and Roy E. Leigh Distinguished Lecture in Economics, Pullman, Washington, November 29, 2007.

93. "The Technology of Skill Formation," Guinness Lecture, Coombe Women's Hospital, Dublin, Ireland, November 2, 2007.

94. "The Technology of Building Human Capacities: Lessons for Public Policy," Building Blocks Conference, Alberta, Canada, May 2007.

95. Keynote Address, "Investing in Disadvantaged Young Children Is Good Economics and Good Public Policy,"National Summit on America's Children, Congressional Caucus, Washington D.C., May 2007.

96. "The Economics, Technology and Neuroscience of Human Capability Formation," Allostasis/Allostatic Load Conference, Princeton University, May 2007.

97. "Left Behind: the GED and America's Dropout Problem," Brookings Institution, Hamilton Project Forum: The Role of Education in Promoting Opportunity and Economic Growth, Washington D.C., March 2007.

98. Plenary Address, "The Evolution of Labor Earnings Risk in the U.S. Economy," 4th International Finance Conference in Collaboration with Université Cergy-Pontoise, REMEREG and ISC Paris, Diar el Medina, Tunisia, March 2007.

99. Theodore W. Schultz Lecture, "The New Economics of Child Quality," American Economic Association, January 2007.

100. Keynote Address, "What Lessons Should China Learn from European Welfare States?" WEAI Pacific Rim Conference, Beijing, China, January 2007.

101. Max Weber Lecture, "The Economics of Human Development," European University, Florence, Italy, October 2006.

102. Koopmans Lectures, "Cowles Commission Structural Models, Causal Effects and Treatment Effects: A Synthesis," "Instrumental Variables: Then and Now," and "The Evolution of Labor Earnings Risk in the US Economy," Cowles Foundation, Yale University, September 2006.

103. Marshall Lecture, Annual Meeting of the European Economic Association. August, 2006.

104. Michelson Memorial Lecture, "Skills, Schools and Synapses," US Naval Academy, September 2006.

105. Conway Institute Lecture, "The Technology and Neuroscience of Skill Formation," University College Dublin, June 2006.

106. Ulysses Medal Lecture, "The Economics of Child Development," University College Dublin, June 2006.

107. Invited Lecture, "Understanding Instrumental Variables in Models with Essential Heterogeneity," "Econometric Evaluation of Public Policies : Methods and Applications" Conference, Center for Research in Economics and Statistics, Paris, December 2005.

108. Inaugural Lecture, "Credit Constraints, Family Constraints and Optimal Policies to Reduce Inequality and Promote Productivity," Geary Institute, University College Dublin, April 2005.

109. Richard Ely Distinguished Lecturer, Johns Hopkins University, April 2005. Talks: "Inequality in America: What Role for Human Capital Policies?" "Understanding Inequality: Separating Uncertainty from Heterogeneity in Life Cycle Earnings," "Match Bias and Economic Returns to the GED," "Understanding Instrumental Variables in Models with Essential Heterogeneity," "The Importance of Cognitive and Noncognitive Skills in Explaining a Variety of Socioeconomic Outcome Measures"

110. Hicks Lecture, Oxford University, April 2004.

111. Keynote Lecture, Great Hall of the People, Beijing, December 2003 (Major Lecture on China's Investment in Human Capital at Renmin University's Anniversary Celebration).

112. Nobel Symposium Lecturer, St. Petersburg, Russia, June 2003.
113. Munich Economic Summit, Munich, May 2003.
114. European Society for Population Economics, 2003.
115. Keynote Lecture, Tinbergen Centenary, Rotterdam, April 2003.
116. W.P. Carey Lecture, Colorado College, February 2002.
117. Miguel Sidrauski Lecture, Latin American Econometric Society Meetings, Sao Paulo, 2002.
118. Tinbergen Lecture, Royal Dutch Economics Association, October 2002.
119. Walras-Pareto Lectures, University of Lausanne, October 2002.
120. Gorman Lectures, University College, London, Fall 2001.
121. Klein Lecture, University of Pennsylvania, October 2001.
122. Review of Economics and Statistics Lecture, April 2001.
123. Economic Journal Lecture, Royal Economic Society, April 2001.
124. Jovanovich Lecture, Colorado College, February 2001.
125. Distinguished Lecture, Southern Economics Association, Washington, D.C., November 2000.
126. Fisher-Schultz Lecture, World Meeting of the Econometric Society, August 2000.
127. Yoram Ben Porath Memorial Lecture, Hebrew University, (First in series), June 2000.
128. Wildavsky Forum Lecture, University of California, Berkeley, April 1999.
129. Woytinsky Lecture, University of Michigan, October 1999.
130. Invited Lecture, Latin American Meetings of the Econometric Society, Cancun, Mexico, August 1999.
131. Invited lecturer, Econometric Society Meetings, Lima, Peru, August 1998.
132. Distinguished Lecture, Institute for Survey Research, University of Michigan, January 1998.
133. McKinley Lecturer, University of Illinois, March 1998.
134. Fishelson Memorial Lecture, Tel Aviv University, December 1998.
135. Malim Harding Lecturer, University of Toronto, October 1997.
136. Jacob Marschak Lecturer, Far Eastern Econometric Society Meetings, Hong Kong, July 25, 1997.
137. Economics Study Group, Gronigen, Holland, June 1997.
138. Invited Lecture, Latin American Econometric Society Meetings, Santiago, Chile, August 1997.
139. *Journal of Applied Econometrics* Lectures (First Lecturer in a new series established by the *Journal of Applied Econometrics*, Yale University, April 17–18, 1997).
140. Keynote Lecture, Latin American Econometric Society, Santiago Chile, August 1997.

141. Keynote Lecture, Society For Economic Dynamics and Control, Mexico City, June 27, 1996.
142. Keynote Lecture, Latin American Econometric Society, Rio de Janeiro, August 1996.
143. Keynote Speaker, American Sociological Association Meetings, New York, August 16, 1996.
144. Gilbert Lecture, University of Rochester, April 1996.
145. Seymour Harris Lectures, Kennedy School of Government, 1995. (First lecturer in a newly endowed series) Lectures to be published by Harvard University Press.
146. Distinguished Quantitative Social Science Lecture, University of Indiana, April 1996.
147. Invited Lecture, Centenary of Ragnar Frisch, First Nobel Economist, Oslo, March 1995.
148. Invited Lecture, Public Policy School, SUNY Albany, October 1994.
149. Invited Lecture, Latin American Econometric Society, Caracas, August 1994.
150. Aloysius Dunaway Memorial Lecture, Michigan State University, April 1993.
151. Carl Synder Memorial Lecture, University of California at Santa Barbara, Spring 1992.
152. H. Chase-Stone Lecture in Economics, Colorado College, 1992 (participant in three day symposium).
153. Martin Luther King Lecturer, University of Michigan, 1991.
154. Invited Lecture, Econometric Study Group, Royal Economic Society, Bristol, England, 1991.
155. Barcelona Lecture, Sixth World Econometric Society, 1990.
156. Erik Malmstens Distinguished Guest Professor of Economics, Gothenburg University, Gothenburg, Sweden, 1990.
157. Invited Major Lecture, University of Western Ontario, 1989.
158. Invited Major Guest Lecture, Joint Franco-Belgian Conference in Statistics, Toulouse, France, 1988.
159. Chung-Hua Distinguished Visitor and Academica Sinica Lectures, Taiwan, 1988.
160. Fish Lecture, Brigham Young University, 1987.
161. Harry Lyman Hooker Distinguished Visiting Professor, McMaster University, 1987.
162. Leif Johansen Lecture, University of Oslo, 1986.
163. Abbott Lecturer, Colorado College, 1985.
164. Major Lecture, Australasian Econometric Society, Sydney, Australia, 1984.

## Students (Chair or co-chair of committee)

There are numerous other dissertations where I have served as a second reader, but not as chair or co-chair.

University of Chicago unless otherwise noted.

1. John Abowd
2. Amanda Agan
3. Ricardo Avelino
4. Alessandro Barbarino
5. Ricardo Barros
6. Herbert Baum
7. Andrea Beller (Columbia)
8. Christina Bellido
9. George Borjas (Columbia)
10. Stephen Cameron
11. Pedro Carneiro
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13. Robert Cotterman
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15. Marcello Dabos
16. Felipe Diniz
17. Christopher Flinn
18. Christina Gathmann
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30. Mauricio Mazocco
31. Robert Miller
32. Seong Hyeok Moon

33. Stefano Mosso
34. Salvador Navarro
35. Randall Olsen
36. Larry Olson
37. Brook Payner
38. Carola Pessino
39. Heleno Pioner
40. Richard Robb
41. Russell Roberts
42. Maria Rosales (Harris)
43. Rebecca Roselius
44. Mark Rosenzweig (Columbia)
45. Anne Royalty (Yale)
46. Daniel Santos
47. Peter Savelyev
48. Robert Schmitz
49. Peter Schochet (Yale)
50. Sam Schulhofer-Wohl
51. Jeff Smith
52. Rachel Soloveichik
53. Jora Stixrud
54. Suchanan Tambunlertchai
55. Chris Taber
56. Andrea Tiseno
57. Justin Tobias
58. Petra Todd
59. Grace Tsiang
60. Gabriel Ulyssea
61. J. H. Verkerke (Yale)
62. Edward Vytlacil
63. Jim Walker
64. Benjamin Williams

# Publications

## Books

*Longitudinal Analysis of Labor Market Data*, (edited with Burton Singer). Cambridge: Cambridge University Press, 1985.

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2. " 'The Cracked Bell,' Review of Herrnstein and Murray, *The Bell Curve*," *Reason*, March, 1995.
3. "Catch 'em Young: Investing in Disadvantaged Young Children is Both Fair and Efficient," *Wall Street Journal*, January 10, 2006, p. A14.
4. "Comments on *Are Protective Labor Market Institutions at the Root of Unemployment? A Critical Review of the Evidence* by David Howell, Dean Baker, Andrew Glyn and John Schmidt." *Capitalism and Society*, **2**(1, Article 5, 2007).
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4. "Shadow Prices, Market Wages and Labor Supply," *Econometrica*, (July 1974) 42(4): 679–94.
5. "The Effect of Day Care Programs on Women's Work Effort," *Journal of Political Economy*, (March/April 1974). Reprinted in T.W. Schultz (ed.), *Economics of the Family: Marriage, Children, and Human Capital*, (University of Chicago Press, 1974), 491-518.
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on the Effect of the Office of Federal Contract Compliance on Minority Status, Cornell University, May 1975.

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16. "New Evidence on the Dynamics of Female Labor Supply," in E. Andrews and C. Lloyd (eds.), *Women in the Labor Market*. Columbia University Press, 1978. Presented at a Labor Department Conference, "Women in the Labor Market," Columbia University, September 1977.

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