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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 UniversityPh.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**

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.

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

#### 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–
Director, Economics Research Center, University of Chicago, 1998–
Director, Center for the Study of Childhood Development, Harris School of Public Policy, University of Chicago, 2009–
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**

Senior Research Fellow, 1991-

### **University College London**

Research Fellow at the Institute for Fiscal Sciences (IFS), 2014-

Distinguished Chair of Microeconometrics, 2004–2008

### **University College Dublin**

Professor of Science and Society, 2005-2014

#### **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, 1970–1973

#### **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
- 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
- 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. "Going Forward Wisely," White House Summit on Early Childhood Education, The White House, Washington, DC. December 10, 2014.
- 2. "Early Education Programs in the US: Background and Evaluations," Means-Tested Transfer Programs, NBER, Cambridge, MA. December 6, 2014.
- 3. "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.
- 4. "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.
- 5. "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.
- 6. "Creating Capabilities," Research Institute of Economy, Trade & Industry (RIETI), Tokyo, Japan. October 8, 2014.
- 7. "The Market and Nonmarket Returns to Schooling," Conference on Evidence on Schooling and Wellbeing, Aarhus University, Aarhus, Denmark. August 29, 2014
- 8. "The Market and Nonmarket Effects of Schooling," China Meeting of Econometric Society, Xiamen University, China. June 25, 2014.
- 9. "Causal Models, Structural Equations, and Identification: Stratification and Instrumental Variables," Asia Meeting of the Econometric Society, Fuzukawa Lecture, Taipei, Taiwan. June 22, 2014.
- 10. "Creating Flourishing Lives," University of Chicago New Delhi Center Opening, New Delhi, India. March 29, 2014.
- 11. "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.

- 12. "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.
- 13. "The Economics and the Econometrics of Human Development," Econometric Society Presidential Address, Allied Social Sciences Association Meetings, Philadelphia, PA. January 2, 2014.
- 14. "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.
- 15. "The Economic Case for Investing in Young Children," National Business Leader Summit on Early Childhood Investment, Atlanta, GA. September 22, 2013
- 16. "The Economics and Econometrics of Human Development," Presidential Address, European Meeting of the Econometric Society, Gothenburg, Sweden. August 27, 2013
- 17. "A Life Cycle Strategy for Promoting Capabilities," Henderson County Community Early Childhood Investment Luncheon, Henderson, KY. July 23, 2013.
- 18. "The Economics and Econometrics of Human Development," Presidential Lecture, Econometric Society, Beijing, China. June 14, 2013.
- "Causal Analysis After Haavelmo," Session: History of Econometrics and the Econometric Society, European Meeting of the Econometric Society, Gothenburg, Sweden. August 28, 2013.
- 20. "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
- "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
- 22. "The Economics of Inequality and Human Development," ABF Research Seminar, Chicago IL. May 1, 2013
- 23. Video Presentation prepared for the Conference of Legislators for Hemispheric Latin America, Brasilia, Brazil. April 18, 2013
- 24. i3 Webinar with Secretaries Duncan and Sebelius on Early Learning. April 16, 2013
- "Economic Growth and Inequality in China," INET Annual Conference, Hong Kong. April 6, 2013
- 26. "A Framework for Analyzing Human Development Over The Life Cycle," Workshop on Early Childhood Development, University of Zurich, March 22, 2013

- 27. "The Skills Problem," Nebraska Chamber of Commerce and Industry 2013 Legislative Caucus and Annual Meeting, Lincoln, NE. February 7, 2013
- 28. "Creating and Measuring Capabilities," U.S. Government Action Plan on Children in Adversity, The White House, December 19, 2012.
- 29. "Noncognitive Skills and Socioemotional Learning," Research Symposium on Learning, Brookings Institution Center for Universal Education, Washington DC. December 6, 2012
- 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
- 31. "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
- 32. "The Skills Problem," Keynote Address, 2012 Kentucky Economic Association, Georgetown College, Georgetown KY. October 26, 2012
- 33. "The Skills Problem," Convocation, Berea College, Berea, KY. October 25, 2012
- "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
- 35. "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
- 36. "Structural Estimation of Behavioral Models: A Conference in Honor of Kenneth I. Wolpin," University of Pennsylvania, University Park, PA. September 21-22, 2012
- 37. "Hard Evidence on Soft Skills," Keynote Address, 2012 Chinese Economists Society Annual Conference, Henan University, Kaifeng, China. June 24, 2012
- 38. "The Skills Problem," Lumen Christi Institutes Fourth Annual Conference on Economics and Catholic Social Thought, "Toward a Moral Economy", Chicago, IL. June 1, 2012
- "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.
- 40. "Hard Evidence on Soft Skills," Frank Knight Lecture, Cornell University, Ithaca, NY. April 26, 2012.
- 41. "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.

- 42. "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.
- 43. "Hard Evidence on Soft Skills," The Development Economics Vice Presidency (DEC) Lecture, World Bank, Washington DC. December 15, 2011.
- 44. "The Developmental Origins of Health: Models and Evidence," Stephen Frankel Lecture, University of Bristol, November 16, 2011.
- 45. "Hard Evidence on Soft Skills," Adam Smith Lecture, 23rd Annual Conference, European Association of Labour Economists, Paphos, Cyprus, September 24, 2011.
- 46. "Understanding the Mechanisms Through Which an Influential Early Childhood Program Boosted Adult Outcomes," Asian Meeting of the Econometric Society, Seoul, Korea, August 12, 2011.
- 47. "Marschak's Maxim," Marschak Memorial Lecture, UCLA Anderson School of Management, June 3, 2011.
- 48. "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.
- 49. "The Developmental Origins of Inequality: Implications for Social Policy," Manchot Lecture, University of Bonn, Bonn, Germany. January 28, 2011.
- 50. "Understanding the Origins of Inequality," Invited Keynote speaker, First Annual MOVE Distinguished Visitor's Lecture, December 21, 2010, Barcelona, Spain.
- "Building Bridges Between Structural and Program Evaluation Approaches to Evaluating Policy," Keynote Lecture, Italian Statistical Society Scientific Meeting, Padua, Italy, June 16, 2010
- 52. "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.
- 53. "Understanding the Sources of and Solutions to Human Inequality," Keynote Lecture, Meeting on Early Childhood Education, Rio de Janeiro, Brazil. December 17, 2009.
- 54. "The Developmental Origins of Adult Health: Cognition, Personality, and Education," 6th Annual Nestlé International Nutrition Symposium, Lausanne, Switzerland. October 22, 2009.
- 55. "Policies to Promote Growth in Mexico," Bank of Mexico. October 19, 2009.

- 56. "Policies to Foster Human Development," Developing Africa: an Opportunity for Europe, Italy and Sicily; Taormina, Italy. October 1, 2009.
- 57. "Investing in our Young People: Lessons from Economics and Psychology," Lectio Magistralis, Catholic University Milan. September 28, 2009.
- 58. "Estimating the Technology of Cognitive and Noncognitive Skill Formation," Plenary Lecture, Econometric Society. June 6, 2009.
- 59. "Estimating the Technology of Cognitive and Noncognitive Skill Formation," Vilfredo Pareto Lectures in Economics and Social Sciences, Collegio Carlo Alberto. June 9, 2009.
- 60. "The Economics and Psychology of Personality," Identity and the Global Crisis: Festival of the Economy, Trento, Italy. May 29, 2009.
- 61. DEW/ESR Guest Lecture, "The Economics and Psychology of Personality." Irish Economic Association 23rd Annual Conference, Blarney, County Cork, Ireland. April 26, 2009.
- 62. "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.
- 63. "The Economics and Psychology of Inequality and Human Development," Marshall Lecture, European Economics Association, Milan, Italy. August 29, 2008.
- 64. "How Viable is the Welfare State?" World Justice Forum, Vienna, Austria. July, 2008.
- 65. "The Option Value of Educational Choices and the Rate of Return to Educational Choices," Cowles Foundation Structural Conference, Yale University. June 13, 2008.
- 66. "Skills, Schools and Synapses," Coping with the Accident of Birth: The Case for Early Childhood Interventions. Den Haag, Netherlands. May 27, 2008.
- 67. "Noncognitive Skills: Acquisition and Economic Consequences," Plenary Lecture, Leibniz Network Conference, Mannheim, Germany. May 15, 2008.
- 68. "Understanding the GED," Albert Rees Memorial Lecture, Society of Labor Economists Annual Meetings, May 9, 2008.
- 69. "How Viable is the Welfare State?" and "The Technology of Skill Formation," King Saud University Lecture, Riyadh, Saudi Arabia. March 8-10, 2008.
- 70. 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.
- "The Economics of Investing in Children: The Role of Cognitive and Non-Cognitive Skills," George Seltzer Distinguished Memorial Lecture, Minneapolis, Minnesota, December 6, 2007.

- 72. "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.
- 73. "The Technology of Skill Formation," Guinness Lecture, Coombe Women's Hospital, Dublin, Ireland, November 2, 2007.
- 74. "The Technology of Building Human Capacities: Lessons for Public Policy," Building Blocks Conference, Alberta, Canada, May 2007.
- 75. Keynote Address, "Investing in Disadvantaged Young Children Is Good Economics and Good Public Policy,"National Summit on America's Children, Congressional Caucas, Washington D.C., May 2007.
- 76. "The Economics, Technology and Neuroscience of Human Capability Formation," Allostasis/Allostatic Load Conference, Princeton University, May 2007.
- 77. "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.
- 78. Plenary Address, "The Evolution of Labor Earnings Risk in the U.S. Economy," 4<sup>th</sup> International Finance Conference in Collaboration with Université Cergy-Pontoise, REMEREG and ISC Paris, Diar el Medina, Tunisia, March 2007.
- 79. Theodore W. Schultz Lecture, "The New Economics of Child Quality," American Economic Association, January 2007.
- 80. Keynote Address, "What Lessons Should China Learn from European Welfare States?" WEAI Pacific Rim Conference, Beijing, China, January 2007.
- 81. Max Weber Lecture, "The Economics of Human Development," European University, Florence, Italy, October 2006.
- 82. 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.
- 83. Marshall Lecture, Annual Meeting of the European Economic Association. August, 2006.
- 84. Michelson Memorial Lecture, "Skills, Schools and Synapses," US Naval Academy, September 2006.
- 85. Conway Institute Lecture, "The Technology and Neuroscience of Skill Formation," University College Dublin, June 2006.
- 86. Ulysses Medal Lecture, "The Economics of Child Development," University College Dublin, June 2006.

- 87. 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.
- Inaugural Lecture, "Credit Constraints, Family Constraints and Optimal Policies to Reduce Inequality and Promote Productivity," Geary Institute, University College Dublin, April 2005.
- 89. 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"
- 90. Hicks Lecture, Oxford University, April 2004.
- 91. 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).
- 92. Nobel Symposium Lecturer, St. Petersburg, Russia, June 2003.
- 93. Munich Economic Summit, Munich, May 2003.
- 94. European Society for Population Economics, 2003.
- 95. Keynote Lecture, Tinbergen Centenary, Rotterdam, April 2003.
- 96. W.P. Carey Lecture, Colorado College, February 2002.
- 97. Miguel Sidrauski Lecture, Latin American Econometric Society Meetings, Sao Paulo, 2002.
- 98. Tinbergen Lecture, Royal Dutch Economics Association, October 2002.
- 99. Walras-Pareto Lectures, University of Lausanne, October 2002.
- 100. Gorman Lectures, University College, London, Fall 2001.
- 101. Klein Lecture, University of Pennsylvania, October 2001.
- 102. Review of Economics and Statistics Lecture, April 2001.
- 103. Economic Journal Lecture, Royal Economic Society, April 2001.
- 104. Jovanovich Lecture, Colorado College, February 2001.
- 105. Distinguished Lecture, Southern Economics Association, Washington, D.C., November 2000.
- 106. Fisher-Schultz Lecture, World Meeting of the Econometric Society, August 2000.
- 107. Yoram Ben Porath Memorial Lecture, Hebrew University, (First in series), June 2000.
- 108. Wildavsky Forum Lecture, University of California, Berkeley, April 1999.
- 109. Woytinsky Lecture, University of Michigan, October 1999.
- 110. Invited Lecture, Latin American Meetings of the Econometric Society, Cancun, Mexico, August 1999.

- 111. Invited lecturer, Econometric Society Meetings, Lima, Peru, August 1998.
- 112. Distinguished Lecture, Institute for Survey Research, University of Michigan, January 1998.
- 113. McKinley Lecturer, University of Illinois, March 1998.
- 114. Fishelson Memorial Lecture, Tel Aviv University, December 1998.
- 115. Malim Harding Lecturer, University of Toronto, October 1997.
- 116. Jacob Marschak Lecturer, Far Eastern Econometric Society Meetings, Hong Kong, July 25, 1997.
- 117. Economics Study Group, Gronigen, Holland, June 1997.
- 118. Invited Lecture, Latin American Econometric Society Meetings, Santiago, Chile, August 1997.
- 119. *Journal of Applied Econometrics* Lectures (First Lecturer in a new series established by the *Journal of Applied Econometrics*, Yale University, April 17–18, 1997).
- 120. Keynote Lecture, Latin American Econometric Society, Santiago Chile, August 1997.
- 121. Keynote Lecture, Society For Economic Dynamics and Control, Mexico City, June 27, 1996.
- 122. Keynote Lecture, Latin American Econometric Society, Rio de Janeiro, August 1996.
- 123. Keynote Speaker, American Sociological Association Meetings, New York, August 16, 1996.
- 124. Gilbert Lecture, University of Rochester, April 1996.
- 125. Seymour Harris Lectures, Kennedy School of Government, 1995. (First lecturer in a newly endowed series) Lectures to be published by Harvard University Press.
- 126. Distinguished Quantitative Social Science Lecture, University of Indiana, April 1996.
- 127. Invited Lecture, Centenary of Ragnar Frisch, First Nobel Economist, Oslo, March 1995.
- 128. Invited Lecture, Public Policy School, SUNY Albany, October 1994.
- 129. Invited Lecture, Latin American Econometric Society, Caracas, August 1994.
- 130. Aloysius Dunaway Memorial Lecture, Michigan State University, April 1993.
- 131. Carl Synder Memorial Lecture, University of California at Santa Barbara, Spring 1992.
- 132. H. Chase-Stone Lecture in Economics, Colorado College, 1992 (participant in three day symposium).
- 133. Martin Luther King Lecturer, University of Michigan, 1991.
- 134. Invited Lecture, Econometric Study Group, Royal Economic Society, Bristol, England, 1991.
- 135. Barcelona Lecture, Sixth World Econometric Society, 1990.
- 136. Erik Malmstens Distinguished Guest Professor of Economics, Gothenburg University, Gothenburg, Sweden, 1990.
- 137. Invited Major Lecture, University of Western Ontario, 1989.

- 138. Invited Major Guest Lecture, Joint Franco-Belgian Conference in Statistics, Toulouse, France, 1988.
- 139. Chung-Hua Distinguished Visitor and Academica Sinica Lectures, Taiwan, 1988.
- 140. Fish Lecture, Brigham Young University, 1987.
- 141. Harry Lyman Hooker Distinguished Visiting Professor, McMaster University, 1987.
- 142. Leif Johansen Lecture, University of Oslo, 1986.
- 143. Abbott Lecturer, Colorado College, 1985.
- 144. 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
- 12. Thomas Coleman
- 13. Robert Cotterman
- 14. Flavio Cunha
- 15. Marcello Dabos
- 16. Felipe Diniz
- 17. Christopher Flinn
- 18. Christina Gathmann
- 19. Miriam Gensowski

- 20. Eric Gould
- 21. Carolyn Heinrich (Harris School, University of Chicago)
- 22. Bo Honoré
- 23. Anjini Kochar
- 24. Tom Lam
- 25. Siu Fei Leung
- 26. Martin Ljunge
- 27. Lance Lochner
- 28. Thomas MaCurdy
- 29. Grecia Maruffo
- 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.
- Handbook of Econometrics, Vol 5 (edited with E. L. Leamer). New York: North-Holland, 2001.
- *Inequality in America: What Role for Human Capital Policy?*. J. Heckman and A. Krueger, eds., Cambridge, MA: MIT Press, 2003.
- Law and Employment: Lessons From Latin America and the Caribbean (edited with C. Pages). University of Chicago Press, for NBER, 2004.
- Handbook of Econometrics, Vol 6A (edited with E. L. Leamer). Amsterdam: North-Holland, 2007.
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#### Working Papers, Papers In Progress And Papers Under Review

- 1. "Private Notes on Gary Becker," IZA Discussion Paper No. 8200. Presented at "Honoring Gary S. Becker: A Conference," University of Chicago Law School, Chicago, IL. February 11, 2011.
- 2. "Estimating the Dynamic Causal Relationship of Health, Education and Wealth," (with R. Hai). Unpublished manuscript, University of Chicago, Department of Economics. (2014).
- 3. "Intergenerational Long Term Effects of Preschool: Structural Estimates from a Discrete Dynamic Programming Model," (with L. Raut). Under revision, *Journal of Econometrics*. (2014).
- 4. "The Causal Effects of Education on Earnings and Health," (with J.E. Humphries and G. Veramendi). Under revision, *Journal of Political Economy*. (2015).

- 5. "The Long-Term Health Effects of Early Childhood Interventions," (with G. Conti, S. Moon, and R. Pinto). Under revision, *Economic Journal*. (2015).
- 6. "Matching on Proxy Variables," (with S. Schennach and B. Williams). Unpublished manuscript, University of Chicago, Department of Economics, 2011.
- 7. "Inference with Imperfect Randomization: The Case of the Perry Preschool Program," (with R. Pinto, A. M. Shaikh, and A. Yavitz). Unpublished manuscript, University of Chicago, Department of Economics, 2009. Under revision, *Econometrica*, 2011.
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- 10. "Understanding the GED," Albert Rees Memorial Lecture, Society of Labor Economists Annual Meetings, May 9, 2008.
- 11. "The Option Value of Educational Choices and the Rate of Return to Educational Choices," Cowles Foundation Structural Conference, Yale University. June 13, 2008. Under revision.
- 12. "The Productivity Argument for Investing in Young Children," (with D. Masterov), Early Childhood Research Collaborative Discussion Paper, August, 2006.
- 13. "The Evolution of Inequality, Heterogeneity and Uncertainty in Labor Earnings in the U.S. Economy," (with F. Cunha), NBER Working Paper No. 13526, October, 2007.
- 14. "Interpreting the Evidence of Family Influence on Child Development," (with P. Carneiro and F. Cunha), unpublished, 2004.
- 15. "Understanding The Contribution of Legislation, Social Activism, Markets and Choice To The Economic Progress of African Americans in the Twentieth Century," (with Petra Todd), unpublished manuscript, University of Chicago, 2003.
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