

August 2023

CURRICULUM VITAE

Lance John Lochner

CONTACT INFORMATION

Department of Economics
Social Science Centre
University of Western Ontario
London, Ontario N6A 5C2
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ORCID: 0009-0006-6980-8894

CITIZENSHIP

USA, Canada

CURRENT POSITION

Professor, Department of Economics
Director, Western's Centre for Human Capital and Productivity
Canada Research Chair in Human Capital and Inequality
University of Western Ontario

MAJOR FIELDS OF CONCENTRATION

Labor Economics, Public Economics, Economics of Education, and Economics of Crime

EDUCATION

Degree	Field	Institution	Year
B.A. (with honors)	Economics	University of Wisconsin-Madison	1993
M.A.	Economics	University of Chicago	1998
Ph.D.	Economics	University of Chicago	1998

Ph.D. Dissertation: *A Life-Cycle Model of Human Capital and Crime: Estimating Deterrent Effects of Wage and Education Subsidies*

ACADEMIC AND PROFESSIONAL EXPERIENCE

(i) Affiliations

2012-present	Professor, Department of Economics, University of Western Ontario
2019 (Summer)	Visiting Scholar, Opportunity and Inclusive Growth Institute, Federal Reserve Bank of Minneapolis
2017-2018	Visiting Fellow, Hoover Institution, Stanford University
2016-2021	Director, Centre for Human Capital and Productivity, UWO
2011-present	Co-coordinator, Markets Group, Human Capital and Economic Opportunity: A Global Working Group
2011 (Spring)	Visiting Scholar, Stanford Institute for Economic Policy Research
2011-present	Faculty Affiliate, Institute for Research on Poverty, University of Wisconsin
2010-2016	Director, CIBC Centre for Human Capital and Productivity, UWO
2010-present	Research Network Fellow, CESifo
2010-present	Research Associate, National Bureau of Economic Research (Labor Studies, Children's Program)
2008-present	Senior Fellow, Rimini Centre for Economic Analysis (RCEA)
2003-2012	Associate Professor, Department of Economics, University of Western Ontario
2001-present	Faculty Research Fellow, National Bureau of Economic Research (Labor Studies, Children's Program)
2004-2006	Research Associate, Federal Reserve Bank of Cleveland
1998-2003	Assistant Professor, Department of Economics, University of Rochester

(ii) Advising/Consulting Activities

2022	Witness, National Finance Senate Committee Meeting, Canada
2022-present	National Advisory Panel, Tangelo Intergenerational Impact Study
2014	Roundtable Discussion with U.S. Treasury Deputy Secretary Raskin on the Economy and Student Loans, June 3, 2014
2014	Postsecondary National Policy Institute's Student Aid Seminar for Senior Congressional Staff, August 7, 2014

2011-2018	Technical Review Committee, <i>National Longitudinal Surveys</i>
2009-2013	Re-design and analysis of <i>Client Satisfaction Survey</i> for Canada Student Loans Program
2009-	Expert Consultant to Canada Student Loans Program
2008-2012	Advisory Panel for 1997 <i>National Longitudinal Survey of Youth</i>
2007-2009	Expert Consultant to Statistics Canada, development of <i>Canadian Household Panel Survey</i>
2006-2007	Expert Consultant to Human Resources and Skills Development of Canada project on An Empirical Model of Human Capital in General Equilibrium
2006	Expert Consultant to Human Resources and Skills Development of Canada project on a General Equilibrium Model of the Canadian Student Loan Program
2004-2007	Consultant to Tangelo Park Project, producing “An Impact Study of the Tangelo Park Project”
1999	“A Budget for Skill Formation in Argentina,” (with Ricardo Cossa and James J. Heckman), Report to Corola Pessino, Secretary of Fiscal Equity, Argentina, for the Argentine <i>Public Expenditure Review</i> .

(iii) Editorial Positions

Editor, *Journal of Political Economy*, 2021-
 Associate Editor, *Review of Economic Dynamics*, 2017-2021
 Editor, *Journal of Labor Economics*, 2013-2021
 Co-Editor, Special Issue on Human Capital and Inequality, *Review of Economic Dynamics*, 2017
 Co-Editor, Special Issue on Education and Crime, *Economics of Education Review*, 2016
 Associate Editor, *Journal of Applied Econometrics*, 2009-2016
 Associate Editor, *Journal of Human Capital*, 2007-2013
 Editorial Board, *Canadian Journal of Economics*, 2005-2008

(iv) Conference Organizing and Other Activities

2023 Program Committee for North American Winter Meetings of the Econometric Society
 2022 Selection Committee for Jacob Mincer Award, Society of Labor Economics
 2021 Program Committee for North American Summer Meetings of the Econometric Society
 2021 Selection Committee for Jacob Mincer Award, Society of Labor Economics
 2020 Co-Organizer for “Higher Ed: Who Pays?” Opportunity & Inclusive Growth Institute, Federal Reserve Bank of Minneapolis (Minneapolis, MN)
 2019 Program Committee for 2019 Society of Labor Economics Annual Meeting
 2018 Program Committee for North American Summer Meetings of the Econometric Society
 2017 Co-Organizer for “HCEO Conference on Understanding Human Capital Formation and its Determinants” (Chicago, IL)
 2017 Co-Organizer for “Conference on Human Capital and Financial Frictions” (Washington DC)
 2016 Program Committee for North American Summer Meetings of the Econometric Society

- 2015 Co-Organizer for “Human Capital and Inequality”, Conference for Special Issue of *Review of Economic Dynamics* (Chicago, IL)
- 2014 SSHRC Insight Grant Review Panel
- 2013 Co-Organizer for “Dynamic Policy Design with Human Capital” (Santa Barbara, CA)
- 2013 Co-Organizer for CSEF-IGIER Symposium on Economics and Institutions (Anacapri, Italy)
- 2012 Co-Organizer for “Financing Human Capital, Credit Constraints, and Market Frictions Workshop” (Chicago, IL)
- 2012 Co-Organizer for “Financing Human Capital Investment” (Chicago, IL)
- 2010 Program Committee for Annual Canadian Labour Market and Skills Research Network
- 2010 Program Committee for 2010 EALE/SOLE International Conference (London, UK)
- 2007 Conference Organizer for Analytical Labor Economics Conference (Chicago, IL)
- 2007 Program Committee for Annual Canadian Labour Market and Skills Research Network
- 2006 Session Organizer for 2006 Population Association of America Annual Meeting
- 2006 Selection Committee for H. Gregg Lewis Prize (best JOLE paper, 2004-05)
- 2004 Program Committee for Society of Economic Dynamics Annual Meeting

ACADEMIC HONORS AND AWARDS

- 2022 Fellow, *Society of Labor Economists*
- 2021 Fellow, *International Association for Applied Econometrics*
- 2016 Canada Research Chair in Human Capital and Inequality (Tier I)
- 2015 W. Glenn Campbell and Rita Ricardo-Campbell National Fellow, Hoover Institution
- 2015 Harry Johnson Prize: best paper published in *Canadian Journal of Economics* (2014)
- 2012-2013 University Student Council Teaching Honor Roll
- 2012-2014 Faculty Scholar Award, University of Western Ontario
- 2011-2015 Renewed Canada Research Chair in Human Capital and Productivity (Tier II)
- 2006-2010 Canada Research Chair in Human Capital and Productivity (Tier II)
- 2005-2007 CIBC Faculty Fellowship
- 2001-2002 W. Glenn Campbell and Rita Ricardo-Campbell National Fellow, Hoover Institution

TEACHING (University of Western Ontario)

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|-----------|-----------------|--|
| 2022-2023 | Economics 3950G | Economics of Human Behaviour (Honours UG) |
| 2021-2022 | Economics 9641B | Labour Economics (PhD) |
| 2020-2021 | Economics 3950G | Economics of Human Behaviour (Honours UG) |
| 2019-2020 | Economics 9641A | Labour Economics (PhD) |
| 2018-2019 | Economics 3990G | Economics of Human Behaviour (Honours UG) |
| 2017-2018 | Economics 9641B | Labour Economics (PhD) |
| 2016-2017 | Economics 3990G | Economics of Human Behaviour (Honours UG) |
| 2015-2016 | Economics 9641B | Labour Economics (PhD) |
| 2013-2014 | Economics 9641B | Labour Economics (PhD) |
| 2012-2013 | Economics 3990F | Economics of Human Behaviour (Honours UG) |
| 2011-2012 | Economics 3990G | Economics of Human Behaviour (Honours UG) |
| 2009-2010 | Economics 3990G | Economics of Human Behaviour (Honours UG) |
| | Economics 9639 | Advanced Methods in Applied Microeconomics (PHD) |
| 2008-2009 | Economics 9640b | Labour Economics (PhD) |
| 2007-2008 | Economics 609b | Advanced Methods in Applied Economics (PhD) |
| 2006-2007 | Economics 609b | Advanced Methods in Applied Economics (PhD) |

2005-2006	Economics 609b Economics 640	Advanced Methods in Applied Economics (PhD) Labour Economics (PhD)
2004-2005	Economics 609b	Advanced Methods in Applied Economics (PhD)
2003-2004	Economics 754a/854a Economics 591b Economics 609b	Applied Econometrics Workshop Applied MA Workshop Advanced Methods in Applied Economics (PhD)

THESIS SUPERVISION

Ph.D. Thesis Advisor or Co-Advisor

(i) Department of Economics, University of Western Ontario

Belley, Philippe	“Understanding Wage Growth: A Test of the Learning-by-Doing Model” Completed: Fall 2010 Placement: Kansas State University
Cano Urbina, Javier	“Informal Labor Markets and On-the-Job Training” Completed: Summer 2012 Placement: Florida State University
Bozkurt, Eda	“College-High School Wage and Human Capital Price Differentials, and the Role of Mobility for Local Wages in the U.S.” Completed: Spring 2015 Placement: Educational Research Policy Initiative
Park, Youngmin	“Essays on Human Capital and Inequality” Completed: Fall 2016 Placement: Bank of Canada
Onozuka, Yuki	“Heterogeneous Skill Growth across College Majors” Completed: Fall 2019 Placement: Research Institute of Economy, Trade, and Industry (Tokyo)
Salazar, Diego	“Essays on Criminal Behaviour, Human Capital Formation and Mental Health” Completed: Fall 2020 Placement: National University of Singapore
Liu, Qian	“College Enrollment, Parental Transfers, and Student Loans” Completed: Fall 2020 Placement: Brock University
Suvorova, Anastasiia	“Child’s Gender and Skill Deficits” Expected Completion: Summer 2024
Trivieri, Tommas	“The Role of Personality in Wage Growth over the Lifecycle” Expected completion: Summer 2024

Sauve, Evan “Canada Student Loan Policies”
Expected Completion: Summer 2025

(ii) Department of Economics, University of Rochester

Campuzano, Larissa “Essays in Applied Microeconomics”
Completed: Summer 2005
Placement: Mathematica Policy Research, Inc.

Ph.D. Thesis Committee Member

(i) Department of Economics, University of Western Ontario

Caponi, Vincenzo “Essays on Interregional and International Migration”
Completed: Fall 2006
Placement: Ryerson University

Liu, Huju “Interaction Between Human Capital Investment and Search Intensity”
Completed: Fall 2009
Placement: Department of Finance Canada

Grekou, Douwere “Corruption and Education”
Completed: Spring 2013
Placement: Social Research Demonstration Corporation

Miyairi, Masashi “Search and Learning Among Young Workers”
Completed: Summer 2014
Placement: Educational Research Policy Initiative

Mancino, Maria Antonella “Essays on Crime, Education, and Employment”
Completed: Summer 2018
Placement: Wilfred Laurier University

Macal, Fidel Perez “Language Barriers to Human Capital Development: Are non-Spanish Mother Tongue Students Disadvantaged in the Gautemalan Education System?”
Completed: Fall 2020

Held, Brian “Essays on Learning and Skill Requirements in the Labour Market”
Expected completion: Spring 2021
Placement: Chase Manhattan Bank

Torres Ferro, Mauricio “Open Market Operations with Heterogeneity in Household Portfolios”
Completed: Summer 2023
Placement: Board of Governors, Bank of Mexico

(ii) Department of Economics, University of Rochester

Alcalá, Luis “Immigration, Income Inequality, and Population Dynamics”
Completed: August 2006

Placement: SUNY—Buffalo (Visiting Assistant Professor)

Mayer, Adalbert “Intergenerational Relationships and the Determination of Earnings”
Completed: 2003
Placement: Texas A&M University

Chen, Stacey H. “Riskiness of College Attendance”
Completed: 2002
Placement: State University of New York – Albany

UNIVERSITY ADMINISTRATIVE DUTIES (University of Western Ontario)

Promotion and Tenure Committee	Fall 2006, 2022-2023
Associate Director, Graduate Affairs Committee	2005-2006
Member-at-Large, Graduate Affairs Committee (GAC)	2003-2004, 2004-2005
Coordinator, Econometrics Ph.D. Comprehensive Committee	2004-2005, 2005-2006
Director, Short-term Visitor Program and Seminar Program	2005-2006
Member, Econometrics Ph.D. Comprehensive Committee	2003-2004, 2005-2006
Co-Director, Applied Economics/Econometrics Workshop	2003-2004, 2004-2005 2014-2015
Subject Coordinator, Econometrics	2004-2005 (2 nd term)
Member, Appointments Committee	2003-2004, 2004-2005, 2007-2008, 2008-2009, 2009-2010, 2015-16, 2021-2022
Vice Chair, Appointments Committee	2018-2019
Placement Director	2008-2009, 2009-10, 2011-2012, 2012-13, 2019-20, 2020-21
Alumni Outreach Coordinator	2015-2016, 2016-17
Research Director	2015-2016

RESEARCH GRANTS

2017-2023	“Human Capital Production and Returns,” Insight Grant, Social Sciences and Humanities Research Council of Canada, \$152,980. Principal Investigator with Co-Investigator E. Caucutt.
2012-2017	“Human Capital, Credit, and Education Policy,” Social Sciences and Humanities Research Council of Canada, \$168,985. Principal Investigator with Co-Investigator E. Caucutt.
2012-2015	“Lifecycle Human Capital Investment, Borrowing Constraints and Risk,” CIGI-INET Research Grant, \$147,468. Principal Investigator with Co-Applicant E. Caucutt.
2008-2015	“A Strategic Knowledge Cluster on Early Child Development,” Social Sciences and Humanities Research Council of Canada, \$2,082,395, Co-Applicant with M. Boivin, H. MacMillan, T. Vaillancourt, R. Peters, R.

- Barr, C. Hertzman, D. Jamieson, R. Tremblay, A. Gauthier, J.D. Willms, C. Corter, and J. Jenkins.
- 2008-2011 “Borrowing Constraints, Student Loans, and Educational Outcomes,” Social Sciences and Humanities Research Council of Canada, \$69,000. Principal Investigator.
- 2006 “Computer Intensive Modeling and Estimation of Lifecycle Human Capital Investment Behaviour,” Canadian Foundation for Innovation/Canada Research Chair Grant, \$134,413. Principal Investigator.
- 2006 “The Changing Role of Family Income and Ability in Determining Educational Achievement,” Canadian Labour Market and Skills Researcher Network Grant, \$15,000. Co-Principal Investigator with P. Belley.
- 2005-2008 “Antisocial Behaviour and Drug Use: A 20-year Follow-Up of a Longitudinal Randomized Experiment with At-Risk Kindergarten Boys,” Social Sciences and Humanities Research Council of Canada Standard Research Grant, \$101,500. Collaborator with Principal Investigators E. LaCourse, P. Gendreau, F. Vitaro and R. Tremblay.
- 2003-2006 “Analysis of Post-School Human Capital Production,” Social Sciences and Humanities Research Council of Canada, \$95,992. Principal Investigator.
- 2003-2005 “Lifecycle Human Capital Investment,” CIBC Project on Human Capital and Productivity, \$10,000. Principal Investigator.
- 2002-2004 “Income and Youth Development,” William T. Grant Foundation, \$110,503 US. Co-Principal Investigator with G. Dahl.

PUBLICATIONS

(i) Refereed Journal Articles

Bowlus, Audra, Emilien Gouin-Bonenfant, Hujun Liu, Lance Lochner, and Youngmin Park, “Four Decades of Canadian Earnings Inequality and Dynamics Across Workers and Firms”, *Quantitative Economics*, 13(4), 2022: 1447-1491.

Bastian, Jacob, and Lance Lochner, “The EITC and Maternal Time Use: More Time Working and Less Time with Kids?” *Journal of Labor Economics*, 40(3), 2022: 573-611.

Lochner, Lance, and Qian Liu, and Martin Gervais, “Innis Lecture: Return on Student Loans in Canada”, *Canadian Journal of Economics*, 54(4), 2021: 1495-1524.

Lochner, Lance, Todd Stinebrickner, and Utku Suleymanoglu, “Parental Support, Savings and Student Loan Repayment,” *American Economic Journal – Policy*, 13(1), 2021: 329-371.

Caucutt, Elizabeth, and Lance Lochner, "Early and Late Human Capital Investments, Borrowing Constraints, and the Family," *Journal of Political Economy*, 128(3), 2020:1065-1147.

Cano-Urbina, Javier, and Lance Lochner, "The Effect of Education and School Quality on Female Crime," *Journal of Human Capital*, 13(2), 2019: 188-235.

Dahl, Gordon and Lance Lochner, "The Impact of Family Income on Child Achievement: Evidence from the Earned Income Tax Credit: Reply," *American Economic Review*, 107(2), 2017: 629-631.

Caucutt, Elizabeth, Lance Lochner and Youngmin Park, "Correlation, Consumption, Confusion, or Constraints: Why Poor Children Perform so Poorly?" *Scandinavian Journal of Economics*, 119(1), 2017: 102-147.

Lochner, Lance and Enrico Moretti, "Estimating and Testing Models with Many Treatment Levels and Limited Instruments," *Review of Economics and Statistics*, 97(2), 2015: 387-397.

Belley, Philippe, Marc Frenette, and Lance Lochner, "Post-Secondary Attendance by Parental Income in the U.S. and Canada: Do Financial Aid Policies Explain the Differences?" *Canadian Journal of Economics*, 47(2), May 2014, 664-696. [awarded Harry Johnson Prize for best paper in *CJE* in 2014]

Dahl, Gordon and Lance Lochner, "The Impact of Family Income on Child Achievement: Evidence from the Earned Income Tax Credit," *American Economic Review*, 102(5), August 2012:1927-1956.

Lochner, Lance, and Alexander Monge-Naranjo, "Credit Constraints in Education," *Annual Review of Economics*, Vol. 4, 2012: 225-256.

Lochner, Lance, and Alexander Monge-Naranjo, "The Nature of Credit Constraints and Human Capital," *American Economic Review*, 101(6), October 2011: 2487-2529.

Heckman, James J., Lance Lochner and Petra Todd, "Earnings Functions and Rates of Return," *Journal of Human Capital*, 2(1), Spring 2008: 1-31.

Belley, Philippe, and Lance Lochner, "The Changing Role of Family Income and Ability in Determining Educational Achievement," *Journal of Human Capital*, 1(1), Winter 2007: 37-89.

Lochner, Lance, "Individual Perceptions of the Criminal Justice System," *American Economic Review*, 97(1) March 2007: 444-460.

Lochner, Lance, "Education, Work, and Crime: A Human Capital Approach," *International Economic Review*, 45 (3) August 2004: 811-843. (Reprinted in I. Ehrlich and Z. Liu, eds., *The Economics of Crime*, Northampton: Edward Elgar Publishing, 2006.)

Lochner, Lance and Enrico Moretti, "The Effect of Education on Crime: Evidence from Prison Inmates, Arrests, and Self-Reports," *American Economic Review*, 94(1), March 2004: 155-189. (Reprinted in C. Belfield, eds., *Modern Classics in the Economics of Education*, Northampton: Edward Elgar Publishing, 2006.)

Heckman, James J., Lance Lochner and Christopher Taber, "Human Capital Formation and General Equilibrium Treatment Effects: A Study of Tax and Tuition Policy," *Fiscal Studies*, 20(1) March 1999: 25-40.

Heckman, James J., Lance Lochner and Christopher Taber, “Explaining Rising Wage Inequality: Explorations with a Dynamic General Equilibrium Model of Labor Earnings with Heterogeneous Agents,” *Review of Economic Dynamics*, 1(1) January 1998: 1-58.

(ii) Articles in Papers and Proceedings Issues & Editorial Articles in Refereed Journals

Gervais, Martin, Qian Liu, and Lance Lochner, “The Insurance Implications of Government Student Loan Repayment Schemes”, *AEA Papers and Proceedings*, 113, 2023.

Corbae, Dean, Mariacristina De Nardi, and Lance Lochner, “RED Special Issue on Human Capital and Inequality, An Introduction”, *Review of Economic Dynamics*, 25(2), 2017, 1-3.

Anderson, D. Mark, and Lance Lochner, “Introduction to the Special Issue on Education and Crime,” *Economics of Education Review*, 54, 2016, 211-213.

Heckman, James J., Lance Lochner and Christopher Taber, “General-Equilibrium Treatment Effects: A Study of Tuition Policy,” *American Economic Review, Papers and Proceedings*, 88(2) May 1998: 381-386.

Heckman, James J., Lance Lochner and Christopher Taber, “Tax Policy and Human-Capital Formation,” *American Economic Review, Papers and Proceedings*, 88(2) May 1998: 293-297.

Dupor, Bill, Lance Lochner, Christopher Taber and Mary Beth Wittekind, “Some Effects of Taxes on Schooling and Training,” *American Economic Review, Papers and Proceedings*, 86(2) May 1996: 340-346.

(iii) Article in Edited Policy Reviews

Lochner, Lance, “A Human Capital-Based Strategy for Reducing Crime,” *Public Sector Digest*, July 2013: 25-28.

Hjalmarsson, Randi, and Lance Lochner, “The Impact of Education on Crime: International Evidence,” CESifo DICE Report, 2/2012 (Summer): 49-55.

Heckman, James J., Lance Lochner, Jeffrey Smith and Christopher Taber, “The Effects of Government Policy on Human Capital Investment and Wage Inequality,” *Chicago Policy Review*, 1(2) 1997: 1-40.

(iv) Papers in Refereed Conference Volumes

Lochner, Lance, and Alexander Monge-Naranjo, “Default and Repayment among Baccalaureate Degree Earners,” in Brad Hershbein and Kevin Hollenbeck (eds.), *Student Loans and the Dynamics of Debt*, Chapter 8, Kalamazoo: W.E. Upjohn Institute for Employment Research, 2015.

Lochner, Lance, “Education Policy and Crime,” in P. Cook, J. Ludwig, and J. McCrary (eds.), *Controlling Crime: Strategies and Tradeoffs*, Chapter 10, Chicago: University of Chicago Press, 2011.

Heckman, James J., Lance Lochner and Ricardo Cossa, “Learning-By-Doing Versus On-the-Job Training: Using Variation Induced by the EITC to Distinguish Between Models of Skill Formation,” in E.

Phelps (ed.), *Designing Inclusion: Tools to Raise Low-end Pay and Employment in Private Enterprise*, Cambridge: Cambridge University Press, 2003, pp. 74-130.

Cawley, John, James Heckman, Lance Lochner and Edward Vytlačil, “Understanding the Role of Cognitive Ability in Accounting for the Recent Rise in the Economic Return to Education,” in K. Arrow, S. Bowles, and S. Durlauf (eds.), *Meritocracy and Economic Inequality*, Princeton: Princeton University Press, 2000, pp. 230-265.

Heckman, James J. and Lance Lochner, “Rethinking Education and Training Policy: Understanding the Sources of Skill Formation in a Modern Economy,” in S. Danziger and J. Waldfogel (eds.), *Securing the Future: Investing in Children from Birth to College*, New York: Russell Sage Foundation, 2000.

Heckman, James J., Lance Lochner and Christopher Taber, “General-Equilibrium Cost-Benefit Analysis of Education and Tax Policies,” in G. Ranis and L. K. Raut (eds.), *Trade, Growth and Development: Essays in Honor of Professor T. N. Srinivasan*, Amsterdam: Elsevier Science B. V., 1999, pp. 291-349.

(v) Papers in Conference Proceedings

Caucutt, Elizabeth, and Lance Lochner, “Borrowing Constraints on Families with Young Children,” in *Innovation in Education*, Cleveland: Federal Reserve Bank of Cleveland, 2006, pp. 39-48.

Levitt, Steven D. and Lance Lochner, “The Determinants of Juvenile Crime,” in J. Gruber (ed.), *Risky Behavior Among Youths: An Economic Analysis*, Chicago: University of Chicago Press, 2001, pp. 327-373.

Heckman, James J., Lance Lochner, Jeffrey Smith and Christopher Taber, “The Effects of Government Policies on Human Capital Investment, Unemployment and Earnings Inequality,” in J. Rembser (ed.), *Drittes Offentliches DAAK Symposium/Third Public GAAC Symposium. Arbeitsmarke in den USA and Deutschland/Labor Markets in the USA and Germany, Volume 5. Bonn, Germany: 10 June 1997-11 June 1997*. Washington, DC: German-American Academic Council Foundation (GAAC), 1998, pp. 305-336.

(vi) Chapters in Edited Volumes

Lochner, Lance, “Education and Crime,” in S. Bradley and C. Green (eds.), *The Economics of Education: A Comprehensive Overview, 2nd Edition*, Chapter 9, London: Academic Press, 2020.

Lochner, Lance and Alexander Monge-Naranjo, “Student Loans and Repayment: Theory, Evidence and Policy,” in E. Hanushek, S. Machin, and L. Woessmann (eds.), *Handbook of the Economics of Education*, vol. 5, Chapter 8, Amsterdam: Elsevier Science, 2016.

Lochner, Lance, “Nonproduction Benefits of Education: Crime, Health, and Good Citizenship,” in E. Hanushek, S. Machin, and L. Woessmann (eds.), *Handbook of the Economics of Education*, Vol. 4, Ch. 2, Amsterdam: Elsevier Science, 2011.

Lochner, Lance, “Education and Crime,” in E. Baker, P. Peterson, and B. McGraw (eds.), *International Encyclopedia of Education*, Vol. 2, Oxford: Elsevier, 2010. (Reprinted in D. Brewer and P. McEwan (eds.), *Economics of Education*, Amsterdam: Elsevier, 2010.)

Lochner, Lance, “Intergenerational Transmission,” in L. Blume and S. Durlauf (eds.), *New Palgrave Dictionary of Economics, 2nd Edition*, Palgrave Macmillian, 2008.

Cunha, Flavio, James J. Heckman, Lance Lochner and Dimitriy Masterov, “Interpreting the Evidence on Life Cycle Skill Formation,” in E. Hanushek and F. Welch (eds.), *Handbook of the Economics of Education*, Vol. 1, Chapter 12, Amsterdam: Elsevier Science, 2006.

Heckman, James J., Lance Lochner and Petra Todd, “Earnings Functions, Rates of Return, and Treatment Effects: The Mincer Equation and Beyond,” in E. Hanushek and F. Welch (eds.), *Handbook of the Economics of Education*, Vol. 1, Chapter 7, Amsterdam: Elsevier Science, 2006.

UNPUBLISHED WORK

(i) Articles Currently Under Review at Refereed Journals

Bowlus, Audra, Eda Bozkurt, Lance Lochner and Chris Robinson, “Wages, Skills, and Skill-Biased Technical Change: The Canonical Model Revisited”, accepted, *Journal of Human Resources*, 2021.

Park, Youngmin, and Lance Lochner, “Earnings Dynamics and Intergenerational Transmission of Skill”, accepted, *Journal of Econometrics*, 2021.

Caucutt, Elizabeth, Lance Lochner, Joseph Mullins, and Youngmin Park, “Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments”, revision requested, *Journal of Political Economy*, 2020.

(ii) Unpublished Manuscripts and Working Papers

Liu, Qian, Lance Lochner, Youngmin Park, and Youngki Shin, “Returns to Skill and the Evolution of Skills for Older Men”, Working Paper, 2020.

Gong, Yifan, Lance Lochner, and Todd Stinebrickner, “The Consumption Value of College,” NBER Working Paper No. 26335, 2019.

Lochner, Lance, Youngmin Park, and Youngki Shin, “Wage Dynamics and Returns to Unobserved Skill”, NBER Working Paper No. 24220, 2018.

Lochner, Lance, and Youngki Shin, “Understanding Earnings Dynamics: Identifying and Estimating the Changing Roles of Unobserved Ability, Permanent and Transitory Shocks,” NBER Working Paper No. 20068, 2014.

Bowlus, Audra, Chris Robinson, Lance Lochner, and Yahong Zhang, “The Self-Sufficiency Project: Human Capital and Search Behavior,” Working Paper, 2006.

Heckman, James J. and Lance Lochner, “Distinguishing Between On-the-Job Training and Learning-by-Doing,” Working Paper, 2005.

Monge-Naranjo, Alexander and Lance Lochner, “Human Capital Formation with Endogenous Credit Constraints,” NBER Working Paper No. 8815, 2004.

Heavner, D. Lee and Lance Lochner, “Social Networks and the Aggregation of Individual Decisions,” NBER Working Paper No. 8979, 2004.

Lochner, Lance, “Analyzing the Supply of Drugs and Supply-Reduction Policies,” Working Paper presented at National Research Council’s Committee on Law and Justice Dissemination Workshop: ‘Informing America’s Policy on Drugs: What We Don’t Know Keeps Hurting Us’, Oct. 2001.

Heckman, James J., Lance Lochner and Ricardo Cossa, “Wage Subsidies and Skill Formation: A Study of the Earned Income Tax Credit,” unpublished Manuscript, 1999.

Lochner, Lance, “Education, Work, and Crime: Theory and Evidence,” RCER Working Paper, 1999.

PANEL SESSIONS, KEYNOTE, AND OTHER INVITED LECTURES

“Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments”, Keynote Lecture, Workshop on Families, Human Capital, and Inequality, Bad Durkheim, Germany, July 2023.

“Student Loan Repayment in Canada”, Harold Innis Lecture, Annual Meeting of the Canadian Economics Association, Vancouver, Canada, June 2021.

“Wage Dynamics and Returns to Unobserved Skills”, Keynote Lecture, North American Summer Meeting of the Econometrics Society, Davis, CA, June 2018.

“Designing Efficient Student Loan Programs”, Keynote Lecture, Resek Mini-Conference on Economics of Education, University of Illinois at Urbana-Champaign, IL, October 2016.

“Earnings Dynamics and the Pricing of Unobserved Skill”, Keynote Lecture, 2016 Empirical Microeconomics Workshop, Banff, Canada, August 2016.

“Earnings Dynamics and the Pricing of Unobserved Skill”, Invited Speaker, 2016 Australasia Meeting of the Econometric Society, Sydney, Australia, July 2016.

“Designing Efficient Student Loan Programs”, Keynote Lecture, Seventh International Workshop on Applied Economics of Education, Catanzaro, Italy, June 2016.

“Understanding Earnings Dynamics: Identifying and Estimating the Changing Roles of Unobserved Ability, Permanent and Transitory Shocks”, Keynote Lecture, Conference on the Estimation of Economic Models of Earnings Dynamics, Paris, France, June 2014.

“Reducing Crime through Education-Based Policy”, Keynote Lecture, ALCAPONE 4th Annual Meeting, Sao Paulo, Brazil, April 2014.

“Re-Designing Student Loan Programs: A Difficult Balancing Act”, Montana State University Distinguished Speaker Series, Montana State University, Feb. 2014.

“Financing Higher Education in the U.S. and Canada”, Senior Alumni Program, University of Western Ontario, Oct. 2013

“What Skills Matter for Productivity: Brains, Character, or How You Use Them?” Plenary Panel Speaker, Human Development Network Forum, World Bank, Washington DC, Feb. 2011

“Post-Secondary Education in Canada and the U.S.: Returns, Costs, and Financial Aid Policy”, Canada Research Chair Speaker Series, University of Western Ontario, April 2010

PRESENTATIONS AT PROFESSIONAL MEETINGS & CONFERENCES (SINCE 2013)

The Insurance Implications of Government Student Loan Repayment Schemes (joint with Qian Liu and Martin Gervais)

- ASSA Annual Meeting, January 2023

Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments (joint with Elizabeth Caucutt, Joseph Mullins, and Youngmin Park)

- JPE Special Edition on the Economics of Child Development Conference, Chicago, IL, Sept. 2019

Earnings Dynamics and Intergenerational Transmission of Skill (joint with Youngmin Park)

- From Theory to Statistics to Empirics: An Econometrics Conference in Honor of James Heckman, Chicago, IL, August 2019

Parental Support, Savings and Student Loan Repayment (with Todd Stinebrickner and Utku Suleymanoglu)

- CESifo Economics of Education Conference, Munich, Germany, Sept. 2018
- Higher Education Financing and Costs and Returns of Higher Education, Federal Reserve Bank of New York, NY, Dec. 2017

Wage Dynamics and Returns to Unobserved Skill (joint with Youngmin Park, Youngki Shin)

- ASSA Annual Meeting, January 2023
- Applied Micro Conference, Oslo, Norway, August 2017

The Effect of Education and School Quality on Female Crime (joint with Javier Cano-Urbina)

- CESifo Area Conference on Economics of Education, Germany, Sept. 2016

Designing Efficient Student Loan Programs in the U.S. (joint with Alexander Monge-Naranjo and Juan Sanchez)

- Society of Economic Dynamics Annual Meeting, Toulouse, France, July 2016

Correlation, Consumption, Confusion, or Constraints: Why Poor Children Perform so Poorly? (joint with Elizabeth Caucutt and Youngmin Park)

- Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence, Jacobs Foundation Conference, Marbach, Germany, April 2016
- HCEO Conference on Social Mobility, University of Chicago, Chicago, IL, Nov. 2014

Determinants of Repayment Patterns and Defaults among Bachelor Degree Earners (joint with Alexander Monge-Naranjo)

- Conference on Student Loans, Ford School of Public Policy, University of Michigan, Ann Arbor, Michigan, Oct. 2013

The Importance of Financial Resources for Student Loan Repayment (with Todd Stinebrickner and Utku Suleymanoglu)

- CESifo Economics of Education Conference, Munich, Germany, Sept. 2013

Understanding Income Dynamics: Identifying and Estimating the Changing Roles of Unobserved Ability, Permanent and Transitory Shocks (joint with Youngki Shin)

- Secular Changes in Labor Market Outcomes, Atlanta, GA, October 2015
- Shanghai Applied Economics Workshop, Shanghai, China, June 2015
- NBER Labor Studies Meeting, San Francisco, Feb. 2015
- Michigan State Univ./Univ. of Michigan/Univ. of Western Ontario Labor Day, Michigan, May 2013

Early and Late Human Capital Investments, Borrowing Constraints, and the Family (joint with Elizabeth Caucutt)

- CASEE Conference on Wage Formation: Work, Leisure, Human Capital and the Family, Tempe, AZ, April 2019
- CSEF-IGIER Symposium on Economics and Institutions, Anacapri, Italy, June 2013

INVITED SEMINAR PRESENTATIONS (SINCE 2013)

The Consumption Value of College (joint with Yifan Gong, Todd Stinebrickner, and Ralph Stinebrickner)

- University of British Columbia, Fall 2022
- Australian Health & Human Capital Seminar Series, Fall 2022 (virtual)

Child Skill Production: Accounting for Parental and Market-Based Time and Goods Investments (joint with Elizabeth Caucutt, Joseph Mullins, and Youngmin Park)

- University of California—Los Angeles, Spring 2023
- University College of London, Spring 2023
- Oxford University, Spring 2023
- Stanford University, Spring 2023
- University of Arizona, Spring 2023
- University of Michigan, Spring 2023
- Duke University, Spring 2022
- Institute for Fiscal Studies, UK, Fall 2021 (virtual)
- Penn State University, Spring 2021 (virtual)
- Princeton University, Fall 2020 (virtual)

Returns to Skill and the Evolution of Skills for Older Men (joint with Qian Liu, Youngmin Park, and Youngki Shin)

- University of Houston, Fall 2020 (virtual)

Earnings Dynamics and Intergenerational Transmission of Skill (with Youngmin Park)

- Seoul National University, Seoul, South Korea, Spring 2021 (virtual)
- Institute for Economic and Social Research, Jinan University, China, Spring 2021 (virtual)
- University of California—Riverside, Spring 2021 (virtual)
- Federal Reserve Bank of Minneapolis, Summer 2019
- Georgetown University, Spring 2019

Parental Support, Savings, and Student Loan Repayment (with Todd Stinebrickner and Utku Suleymanoglu)

- Becker-Friedman Institute, University of Chicago, Fall 2019
- Canada Student Loans Program, Fall 2019
- Board of Governors, Fall 2019
- University of Pennsylvania, Spring 2019
- University of California – Santa Barbara, Spring 2019
- University of Waterloo, Fall 2018

Wage Dynamics and Returns to Unobserved Skill (joint with Youngmin Park, Youngki Shin)

- Boston University, Fall 2021 (virtual)
- McGill University, Fall 2021
- University of Chicago, Fall 2017
- NYU, Fall 2017
- Duke University, Fall 2017
- University of Rochester, Spring 2017
- University of Maryland, Fall 2016

The Importance of Financial Resources for Student Loan Repayment (with Todd Stinebrickner and Utku Suleymanoglu)

- Texas A&M University, Spring 2018
- Federal Reserve Bank of Philadelphia, Fall 2016
- Purdue University, Fall 2016
- Queens University, Spring 2016
- Syracuse University, Spring 2016
- McGill University, Fall 2015

The Effect of Education and School Quality on Female Crime (joint with Javier Cano-Urbina)

- University of Pennsylvania, Criminology and Institute of Education Sciences, Fall 2015

Student Loans and Repayment: Theory, Evidence and Policy (with Alexander Monge-Naranjo)

- University of California—Berkeley, Spring 2015
- University of Michigan Ford School of Public Policy, Fall 2014

Understanding Earnings Dynamics: Identifying and Estimating the Changing Roles of Unobserved Ability, Permanent and Transitory Shocks (joint with Youngki Shin)

- McGill University, Fall 2015
- University of Georgia, Fall 2015
- University of California—Irvine, Spring 2015
- Arizona State University, Spring 2015
- University of Texas—Austin, Spring 2015
- University of Toronto, Fall 2014
- Wilfrid Laurier University, Fall 2014
- Goethe Universitat, Frankfurt, Germany, Summer 2014
- University of Cologne, Cologne, Germany, Summer 2014
- Tinbergen Institute, Amsterdam, Netherlands, Summer 2014
- Federal Reserve Bank of New York, Spring 2014
- FGV Sao Paulo School of Economics, Spring 2014
- Indiana University, Spring 2014

- University of Illinois – Chicago, Spring 2014
- Montana State University, Spring 2014
- Florida State University, Fall 2013
- University of Wisconsin, Fall 2013
- University of Iowa, Fall 2013
- University College of London, Spring 2013
- Uppsala University, Spring 2013
- Ohio State University, Spring 2013

Early and Late Human Capital Investments, Borrowing Constraints, and the Family (joint with Elizabeth Caucutt)

- Federal Reserve Bank of Atlanta, Spring 2013