

Economics 633 (L01) Labour Economics

Pre/Co-Requisites	
Instructor: Jean-William Laliberté	Lecture Location: SS 423
Phone: 403 220-5291	Lecture Days/Time: TR 12:30 - 13:45
Email: jeanwilliam.lalibert@ucalgary.ca	
Instructor Email Policy: Short questions only	
Office: SS434	
Office Hours: TR 9:30 – 10:30	

Course Description:

This is one of two courses in the labour economics sequence. This course aims to acquaint students with traditional and contemporary topics in labour economics and to encourage the development of independent research interests. Topics include labour supply, immigration, minimum wage policies, unions, education, intergenerational mobility, place effects and discrimination.

As part of this course, students are expected to attend departmental seminars.

Course Outcomes:

Be able to understand the determinants of labour market outcomes.

Be able to utilize applied econometrics to understand the functioning of labor markets.

By the end of the course students should be able to formulate interesting causal questions.

Course Outline:

See reading list below.

Prerequisites/corequisites:

Economics 301 or equivalent.

Required Textbook(s):

None.

Recommended Textbook(s):

Handbook of Labor Economics.

Books on Reserve:

None.

Desire2Learn:

This course will make use of the Desire2Learn (D2L) platform. Students who are registered in the course can log on at <http://d2l.ucalgary.ca> through their student centre. Please note that D2L features a class e-mail list that may be used to distribute course-related information. These e-mails go to your University of Calgary e-mail addresses only.

Grade Determination/Assessment:

Assignments (3)	30%
Research project	20%
Presentation	10%
Final Exam	40%
	<hr/>
	100%

Grade Determination and Final Examination Details

Department of Economics Criteria for Letter Grades. Economics professors use the following criteria when assigning letter grades:

Grade	Grade Point Value	Description
A+	4.00	Outstanding
A	4.00	Excellent-superior performance, showing-comprehensive understanding of subject matter
A-	3.70	Very good performance
B+	3.30	Good performance
B	3.00	Satisfactory performance
B-	2.70	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	All grades below "B-" are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. Individual programs may require a higher passing grade.

Letter grades will be determined of the following mapping:

A+: Greater or equal to 90

A: 85-89

A-: 80-84

B+: 70-79

B: 60-69

B-: 50-59

C+: 49 or below.

A passing grade on any particular component of the course is not required for a student to pass the course as a whole.

There will be a department scheduled final examination, held in a classroom, lasting 2 hours. Non-programmable calculators WILL be allowed during the writing of tests or final examinations.

Tests and exams WILL NOT involve multiple choice questions.

Absence from a Test/Exam

THERE WILL BE NO MAKEUP OR DEFERRED QUIZZES under any circumstances, nor may the quizzes be written early. Students unable to write the quizzes because of documented illness, family emergency, religious observance, or university-sanctioned event will have the weight shifted to the final examination; otherwise a grade of zero will be assigned. If a student cannot write their final exam on the date assigned by the Department, they need to arrange for a deferred exam with the department.

Notes:

Students are responsible for all assigned material, e.g., supplementary material posted on D2L, regardless of whether or not the material was covered in class.

IMPORTANT POLICIES AND INFORMATION**Absence From a Mid-term Examination**

Students who are absent from a scheduled term test or quiz for legitimate reasons are responsible for contacting the instructor via email within 48 hours of the missed test to discuss alternative arrangements. A copy of this email may be requested as proof of the attempt to contact the instructor. Any student who fails to do so forfeits the right to a makeup test.

Deferred Term Work Form: Deferral of term work past the end of a term requires a form to be filled out by the student and submitted, along with any supporting documentation, to the instructor. The form is available at:

<https://live-ucalgary.ucalgary.ca/sites/default/files/teams/14/deferral-of-term-work-2020.pdf>

Once an extension date has been agreed between instructor and student, the instructor will email the form to the Faculty of Arts Program Information Centre (ascarts@ucalgary.ca) for approval by the Associate Dean.

Deferral of a Final Examination

Deferral of a final examination can be granted for reasons of illness, domestic affliction, and unforeseen circumstances, as well as to those with three (3) final exams scheduled within a 24-hour period. Deferred final exams will not be granted to those who sit the exam, who have made travel arrangements that conflict with their exam, or who have misread the examination timetable. The decision to allow a deferred final exam rests not with the instructor but with Enrolment Services. Instructors should, however, be notified if you will be absent during the examination. The Application for Deferred Final Exam, deadlines, requirements and submission instructions can be found on the Enrolment Services website at

<https://www.ucalgary.ca/registrar/exams/deferred-exams>.

Reappraisal of Grades:

For Reappraisal of Graded Term Work, see Calendar I.2

<http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

For Reappraisal of Final Grade, see Calendar I.3

<http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

Academic Misconduct:

Academic Misconduct refers to student behavior that compromises proper assessment of students' academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

Student committing academic misconduct during the final exam will not receive a passing grade for the course.

For information on the Student Academic Misconduct Policy, Procedure and Academic Integrity, please visit: <https://www.ucalgary.ca/pubs/calendar/current/k-3.html>

Plagiarism And Other Forms Of Academic Misconduct

Academic misconduct in any form (e.g. cheating, plagiarism) is a serious academic offence that can lead to disciplinary probation, suspension or expulsion from the University. Students are expected to be familiar with the standards surrounding academic honesty; these can be found in the University of Calgary calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>. Such offences will be taken seriously and reported immediately, as required by Faculty of Arts policy.

Recording of Lectures:

Recording of lectures is prohibited, except for audio recordings authorized as an accommodation by SAS or an audio recording for individual private study and only with the written permission of the instructor. Any unauthorized electronic or mechanical recording of lectures, their transcription, copying, or distribution, constitutes academic misconduct. See <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>.

Academic Accommodations:

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services. SAS will process the request and issue letters of accommodation to instructors. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their instructor. The full policy on Student Accommodations is available at

<https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

Research Ethics

Students are advised that any research with human subjects – including any interviewing (even with friends and family), opinion polling, or unobtrusive observation – must have the approval of the Conjoint Faculties Research Ethics Board. In completing course requirements, students must not undertake any human subject research without discussing their plans with the instructor, to determine if ethics approval is required.

Instructor Intellectual Property

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Freedom of Information and Protection of Privacy (FOIP) Act:

Personal information is collected in accordance with FOIP. Assignments can only be returned to the student and will be accessible only to authorized faculty and staff. For more information, see <https://www.ucalgary.ca/legal-services/access-information-privacy>

Copyright Legislation:

See the University of Calgary policy on Acceptable Use of Material Protected by Copyright at <https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy> Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Evacuation Assembly Points

In the event of an emergency evacuation from class, students are required to gather in designated assembly points. Please check the list found at <https://www.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points> and note the assembly point nearest to your classroom.

Important Dates:

Please check: <http://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The Arts Students' Centre is your information resource for everything in Arts! Drop in at SS102, call them at 403-220-3580, or email them at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>, which has detailed information on common academic concerns, including program planning and advice.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them in the MacKimmie Tower.

Important Contact Information

Campus Security and Safewalk (24 hours a day/7 days a week/365 days a year)
Phone: 403-220-5333

Faculty of Arts Undergraduate Students' Union Representatives

Phone: 403-220-6551

Email: arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca,
arts4@su.ucalgary.ca

Students' Union URL: www.su.ucalgary.ca

Graduate Students' Association

Phone: 403-220-5997

Email: askgsa@ucalgary.ca

URL: www.ucalgary.ca/gsa

Student Ombudsman

Phone: 403-220-6420

Email: ombuds@ucalgary.ca

Campus Mental Health Resources

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the following resources:

SU Wellness Centre: <http://www.ucalgary.ca/wellnesscentre/>

Student Wellness Services:

<https://www.ucalgary.ca/wellness-services/services/mental-health-services>

Campus Mental Health Strategy website: <https://www.ucalgary.ca/mentalhealth/>.

Reading List

1. Labour Supply

- Angrist, Joshua, and William Evans. "Children and Their Parents' Labor Supply: Evidence from Exogenous Variation in Family Size." *American Economic Review* 88.3 (1998): 450-77.
- Angrist, Joshua D., Sydnée Caldwell, and Jonathan V. Hall. Uber vs. taxi: A driver's eye view. No. w23891. National Bureau of Economic Research, 2017.
- Ashenfelter, Orley, and Mark W. Plant. "Nonparametric estimates of the labor-supply effects of negative income tax programs." *Journal of Labor Economics* 8.1, Part 2 (1990): S396-S415.
- Baker, Michael, Jonathan Gruber, and Kevin Milligan, 2008. "Universal Child Care, Maternal Labor Supply, and Family Well-Being," *Journal of Political Economy*, 116(4), pages 709-745.
- Blau, Francine D., and Lawrence M. Kahn. "Changes in the labor supply behavior of married women: 1980–2000." *Journal of Labor Economics* 25.3 (2007): 393-438.
- Camerer, Colin, Babcock, Linda, Loewenstein, George and Thaler, Richard, 1997. "Labor Supply of New York City Cab Drivers: One Day At A Time," *The Quarterly Journal of Economics*, 112(2), pages 407-441.
- Card, David. *Intertemporal labor supply: An assessment*. No. w3602. National Bureau of Economic Research, 1991.
- Card, David and Dean R. Hyslop. "Estimating the Effects of a Time-Limited Earnings Subsidy for Welfare-Leavers." *Econometrica* 73 (6), 2005, 1723–1770
- Cesarini, David, Erik Lindqvist, Matthew J. Notowidigdo and Robert Ostling, 2017. "The Effect of Wealth on Individual and Household Labor Supply: Evidence from Swedish Lotteries," *American Economic Review*, 107(12), pages 3917-3946.
- Chetty, R., J. Friedman, T. Olsen and L. Pistaferri "Adjustment Costs, Firms Responses, and Micro vs. Macro Labor Supply Elasticities: Evidence from Danish Tax Records", *Quarterly Journal of Economics*, 126(2), 2011, 749-804.
- Chetty, Raj, John N. Friedman, and Emmanuel Saez. "Using Differences in Knowledge across Neighborhoods to Uncover the Impacts of the EITC on Earnings." *American Economic Review* 103.7 (2013): 2683-2721.
- Chetty, Raj and Emmanuel Saez, 2013. "Teaching the Tax Code: Earnings Responses to an Experiment with EITC Recipients," *American Economic Journal: Applied Economics*, vol. 5(1), pages 1-31.
- Eissa, N. and J. Leibman, "Labor Supply Response to the Earned Income Tax Credit," *Quarterly Journal of Economics* 111 (2), May 1996.
- Farber, Henry S. "Reference-dependent preferences and labor supply: The case of New York City taxi drivers." *American Economic Review* 98.3 (2008): 1069-82.
- Farber, Henry S. "Why you can't find a taxi in the rain and other labor supply lessons from cab drivers." *The Quarterly Journal of Economics* 130.4 (2015): 1975-2026.
- Fehr, Ernst, and Lorenz Goette. 2007. "Do Workers Work More if Wages Are High? Evidence from a Randomized Field Experiment." *American Economic Review*, 97 (1): 298-317.
- Imbens, Guido W., Donald B. Rubin, and Bruce I. Sacerdote. "Estimating the effect of unearned income on labor earnings, savings, and consumption: Evidence from a survey of lottery players." *American economic review* 91.4 (2001): 778-794.

- **Kleven, Henrik. The EITC and the extensive margin: A reappraisal. No. w26405. National Bureau of Economic Research, 2019.**
- Lemieux, Thomas, and Kevin Milligan. "Incentive effects of social assistance: A regression discontinuity approach." *Journal of Econometrics* 142.2 (2008): 807-828.
- *MaCurdy, Thomas E. "An empirical model of labor supply in a life-cycle setting." *Journal of Political Economy* 89.6 (1981): 1059-1085.*
- **Mas, Alexandre, and Amanda Pallais. "Valuing alternative work arrangements." *American Economic Review* 107.12 (2017): 3722-59.**
- Mas, Alexandre, and Amanda Pallais. "Labor Supply and the Value of Non-Work Time: Experimental Estimates from the Field." *American Economic Review: Insights* 1.1 (2019): 111-26.
- McClelland, Robert, and Shannon Mok. "A review of recent research on labor supply elasticities." (2012).
- Oettinger, Gerald S. "An empirical analysis of the daily labor supply of stadium vendors." *Journal of Political Economy* 107.2 (1999): 360-392.
- Rothstein, Jesse. "Is the EITC as good as an NIT? Conditional cash transfers and tax incidence." *American Economic Journal: Economic Policy* 2.1 (2010): 177-208.

2. Labour Demand

- Angrist, J. "Short-Run Demand for Palestinian Labor," *Journal of Labor Economics*, July 1996.
- Hamermesh, D., *Labor Demand*, Princeton, NJ: Princeton University Press.
- Hamermesh, Daniel S., and Stephen J. Trejo. "The demand for hours of labor: Direct evidence from California." *Review of economics and statistics* 82.1 (2000): 38-47.

3. Supply, Demand and Inequality

- Acemoglu, Daron, and David Autor. "Skills, tasks and technologies: Implications for employment and earnings." *Handbook of labor economics*. Vol. 4. Elsevier, 2011. 1043-1171.
- Autor, David H., Lawrence F. Katz, and Melissa S. Kearney. "Trends in US wage inequality: Revising the revisionists." *The Review of economics and statistics* 90.2 (2008): 300-323.
- Autor, David H. 2014. "Skills, Education, and the Rise of Earnings Inequality Among the 'Other 99 Percent.'" *Science*, 344(6186), 843–851.
- Autor, David H., Frank Levy, and Richard J. Murnane. "The skill content of recent technological change: An empirical exploration." *The Quarterly journal of economics* 118.4 (2003): 1279-1333.
- Autor, David, Claudia Goldin, and Lawrence Katz. "Extending the Race Between Education and Technology." (2020).
- **Card, David and Thomas Lemieux. 2001. "Can Falling Supply Explain the Rising Return to College for Younger Men? A Cohort-Based Analysis." *Quarterly Journal of Economics*, 116(2), 705-746.**
- Katz, Lawrence F. and Kevin M. Murphy. 1992. "Changes in Relative Wages, 1963-1987: Supply and Demand Factors." *Quarterly Journal of Economics*, 107(1), 35-78.

- Lemieux, Thomas. "Increasing residual wage inequality: Composition effects, noisy data, or rising demand for skill?." *American Economic Review* 96.3 (2006): 461-498.
- Lemieux, Thomas. "The changing nature of wage inequality." *Journal of population Economics* 21.1 (2008): 21-48.
- Lewis, Ethan G. 2011. "Immigration, Skill Mix, and Capital-Skill Complementarity." *Quarterly Journal of Economics*, 126(2), 1029-1069.
- Piketty, T. and Saez, E. "Income Inequality in the United States, 1913-1998," *Quarterly Journal of Economics*, 118(1), 2003, 1-39.

4. Immigration

- Altonji, Joseph G., and David Card. "The effects of immigration on the labor market outcomes of less-skilled natives." *Immigration, trade, and the labor market*. University of Chicago Press, 1991. 201-234.
- **Borjas, George J. "The labor demand curve is downward sloping: Reexamining the impact of immigration on the labor market." *The Quarterly Journal of Economics* 118.4 (2003): 1335-1374.**
- **Card, D. (1990) "The Impact of the Mariel Boatlift on the Miami Labor Market," *Industrial and Labor Relations Review*.**
- Card, David. "Immigrant inflows, native outflows, and the local labor market impacts of higher immigration." *Journal of Labor Economics* 19.1 (2001): 22-64.
- Card, David. "Immigration and inequality." *American Economic Review* 99.2 (2009): 1-21.
- Card, David. "Comment: The elusive search for negative wage impacts of immigration." *Journal of the European Economic Association* 10.1 (2012): 211-215.
- Clemens, Michael A., and Jennifer Hunt. "The labor market effects of refugee waves: reconciling conflicting results." *ILR Review* 72.4 (2019): 818-857.
- **Dustmann, Christian, Uta Schonberg and Jan Stuhler, 2017. "Labor Supply Shocks, Native Wages, and the Adjustment of Local Employment," *The Quarterly Journal of Economics*, 132(1), pages 435-483.**
- Friedberg, Rachel. "The Impact of Mass Migration on the Israeli Labor Market." *Quarterly Journal of Economics* 117, no. 4 (2001): 1373-1408.
- **Ottaviano, Gianmarco, and Giovanni Peri. "Rethinking the effect of immigration on wages." *Journal of the European economic association* 10.1 (2012): 152-197.**
- Peri, Giovanni, and Vasil Yassenov. "The Labor Market Effects of a Refugee Wave Synthetic Control Method Meets the Mariel Boatlift." *Journal of Human Resources* 54.2 (2019): 267-309.

5. Minimum wages

- Allegretto, Sylvia, et al. "Credible research designs for minimum wage studies: A response to Neumark, Salas, and Wascher." *ILR Review* 70.3 (2017): 559-592.

- Autor, D., Alan Manning, and Christopher L. Smith. "The contribution of the minimum wage to US wage inequality over three decades: a reassessment." *American Economic Journal: Applied Economics* 8.1 (2016): 58-99.
- **Card, D., and Alan Krueger. "Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania." *The American Economic Review* 84.4 (1994): 772-793.**
- **Cengiz, Doruk, et al. "The effect of minimum wages on low-wage jobs." *The Quarterly Journal of Economics* 134.3 (2019): 1405-1454.**
- Dickens, Richard, Stephen Machin, and Alan Manning. "The effects of minimum wages on employment: Theory and evidence from Britain." *Journal of Labor Economics* 17.1 (1999): 1-22.
- **DiNardo, John, Nicole M. Fortin, and Thomas Lemieux. "Labor Market Institutions and the Distribution of Wages, 1973-1992: A Semiparametric Approach." *Econometrica* 64.5 (1996): 1001-1044.**
- Dube, Arindrajit, T. William Lester, and Michael Reich. "Minimum wage effects across state borders: Estimates using contiguous counties." *The review of economics and statistics* 92.4 (2010): 945-964.
- Lee, David S. "Wage inequality in the United States during the 1980s: Rising dispersion or falling minimum wage?." *The Quarterly Journal of Economics* 114.3 (1999): 977-1023.
- Neumark, David, JM Ian Salas, and William Wascher. "Revisiting the minimum wage—employment debate: throwing out the baby with the bathwater?." *ILR Review* 67.3_suppl (2014): 608-648.

6. Unions

- *Card, David. "The effect of unions on the structure of wages: A longitudinal analysis." *Econometrica* (1996): 957-979.*
- *Card, David, Thomas Lemieux, and W. Craig Riddell. "Unions and wage inequality." *Journal of Labor Research* 25.4 (2004): 519-559.*
- **Card, David, Thomas Lemieux, and W. Craig Riddell. "Unions and wage inequality: The roles of gender, skill and public sector employment." *Canadian Journal of Economics/Revue canadienne d'économique* 53.1 (2020): 140-173.**
- DiNardo, John, and David S. Lee. "Economic impacts of new unionization on private sector employers: 1984–2001." *The Quarterly Journal of Economics* 119.4 (2004): 1383-1441.
- *Grout, Paul A. "Investment and wages in the absence of binding contracts: A Nash bargaining approach." *Econometrica* (1984): 449-460.*
- Lee, David S., and Alexandre Mas. "Long-run impacts of unions on firms: New evidence from financial markets, 1961–1999." *The Quarterly Journal of Economics* 127.1 (2012): 333-378.
- Lemieux, Thomas. "Unions and wage inequality in Canada and the United States." *Small differences that matter: Labor markets and income maintenance in Canada and the United States*. University of Chicago Press, 1993. 69-108.
- Lemieux, Thomas. "Estimating the effects of unions on wage inequality in a panel data model with comparative advantage and nonrandom selection." *Journal of Labor Economics* 16.2 (1998): 261-291.

- **Mas, Alexandre. 2006. "Pay, Reference Points, and Police Performance." *Quarterly Journal of Economics*, 121(3), 783-821.**
- Mas, Alexandre. 2008. "Labour Unrest and the Quality of Production: Evidence from the Construction Equipment Resale Market." *Review of Economic Studies*, 75(1), 229-258.

7. Inequality: Intergenerational mobility

- Aizer, Anna, et al. "The long-run impact of cash transfers to poor families." *American Economic Review* 106.4 (2016): 935-71.
- *Becker, Gary S., and Nigel Tomes. "An equilibrium theory of the distribution of income and intergenerational mobility." *Journal of Political Economy* 87.6 (1979): 1153-1189.*
- Becker, Gary and Nigel Tomes "Human capital and the rise and fall of families," *Journal of Labor Economics* 4, (1986) S1-S39.
- Björklund, Anders, Mikael Lindahl, and Erik Plug. "The origins of intergenerational associations: Lessons from Swedish adoption data." *The Quarterly Journal of Economics* 121.3 (2006): 999-1028.
- Black, Sandra E., Paul J. Devereux, and Kjell G. Salvanes. "Why the apple doesn't fall far: Understanding intergenerational transmission of human capital." *American economic review* 95.1 (2005): 437-449.
- Black, Sandra E., and Paul J. Devereux. Recent developments in intergenerational mobility. No. w15889. National Bureau of Economic Research, 2010.
- Black, Sandra E., et al. "Poor Little Rich Kids? The Role of Nature versus Nurture in Wealth and Other Economic Outcomes and Behaviours." *The Review of Economic Studies* (2019).
- **Chetty, Raj, et al. "Where is the land of opportunity? The geography of intergenerational mobility in the United States." *The Quarterly Journal of Economics* 129.4 (2014): 1553-1623.**
- Chetty, Raj, et al. *The opportunity atlas: Mapping the childhood roots of social mobility*. No. w25147. National Bureau of Economic Research, 2018.
- Connolly, Marie, Miles Corak, and Catherine Haack. "Intergenerational Mobility between and within Canada and the United States." *Journal of Labor Economics* 37.S2 (2019): S595-S641.
- Corak, Miles. 2013. "Income Inequality, Equality of Opportunity, and Intergenerational Mobility." *Journal of Economic Perspectives*, 27(3), 79–102.
- Corak, Miles, and Patrizio Piraino. "The intergenerational transmission of employers." *Journal of Labor Economics* 29.1 (2011): 37-68.
- Dahl, Molly W., and Thomas DeLeire. *The association between children's earnings and fathers' lifetime earnings: estimates using administrative data*. University of Wisconsin-Madison, Institute for Research on Poverty, 2008.
- Derenoncourt, Ellora (2019), "Can you move to opportunity? Evidence from the Great Migration."
- Havnes, Tarjei, and Magne Mogstad. "Is universal child care leveling the playing field?." *Journal of public economics* 127 (2015): 100-114.

- Hoynes, Hilary, Diane Whitmore Schanzenbach, and Douglas Almond. "Long-run impacts of childhood access to the safety net." *American Economic Review* 106.4 (2016): 903-34.
- Landersø, Rasmus, and James J. Heckman. "The Scandinavian fantasy: The sources of intergenerational mobility in Denmark and the US." *The Scandinavian journal of economics* 119.1 (2017): 178-230.
- Mayer, Susan E., and Leonard M. Lopoo. "Government spending and intergenerational mobility." *Journal of Public Economics* 92.1-2 (2008): 139-158.
- Mazumder, Bhashkar. "Fortunate sons: New estimates of intergenerational mobility in the United States using social security earnings data." *Review of Economics and Statistics* 87.2 (2005): 235-255.
- Oreopoulos, Philip and Marianne E. Page, 2006. "The Intergenerational Effects of Compulsory Schooling," *Journal of Labor Economics*, 24(4), pages 729-760.
- Pekkarinen, Tuomas, Roope Uusitalo, and Sari Kerr. "School tracking and intergenerational income mobility: Evidence from the Finnish comprehensive school reform." *Journal of Public Economics* 93.7-8 (2009): 965-973.
- Sacerdote, Bruce. "How large are the effects from changes in family environment? A study of Korean American adoptees." *The Quarterly Journal of Economics* 122.1 (2007): 119-157.
- Solon, Gary. "Intergenerational income mobility in the United States." *The American Economic Review* (1992): 393-408.
- Solon, Gary. "Intergenerational mobility in the labor market." *Handbook of labor economics*. Vol. 3. Elsevier, 1999. 1761-1800.
- Solon, Gary. "A model of intergenerational mobility variation over time and place." *Generational income mobility in North America and Europe* 2 (2004): 38-47.
- Stuhler, Jan. A review of intergenerational mobility and its drivers. No. JRC112247. Joint Research Centre (Seville site), 2018.

8. Inequality: Place effects

- Aaronson, Daniel. "Using sibling data to estimate the impact of neighborhoods on children's educational outcomes." *Journal of Human Resources* (1998): 915-946.
- Bell, Alex, et al. "Who becomes an inventor in America? The importance of exposure to innovation." *The Quarterly Journal of Economics* 134.2 (2018): 647-713.
- Chetty, Raj, Nathaniel Hendren, and Lawrence F. Katz, 2016. "The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment." *American Economic Review*, 106 (4): 855-902.
- Chetty, Raj and Nathaniel Hendren, 2018. "The Impacts of Neighborhoods on Intergenerational Mobility I: Childhood Exposure Effects," *The Quarterly Journal of Economics*, 133(3), pages 1107-1162.
- Chyn, Eric. "Moved to opportunity: The long-run effects of public housing demolition on children." *American Economic Review* 108.10 (2018): 3028-56.
- Damm, Anna Piil and Christian Dustmann, 2014. "Does Growing Up in a High Crime Neighborhood Affect Youth Criminal Behavior?," *American Economic Review*, 104(6), pages 1806-1832

- Jacob, Brian A. "Public housing, housing vouchers, and student achievement: Evidence from public housing demolitions in Chicago." *American Economic Review* 94.1 (2004): 233-258.
- Kline, Patrick, and Enrico Moretti. 2014. "People, Places, and Public Policy: Some Simple Welfare Economics of Local Economic Development Programs." *Annual Review of Economics* 6(1): 629–662.
- **Kling, Jeffrey R. Jeffrey B. Liebman, Lawrence F. Katz.. "Experimental analysis of neighborhood effects," *Econometrica*, Vol. 75, No. 1 (January, 2007), pp. 83-119.**
- Laliberte, Jean-William (2021) "Long-term Contextual Effects in Education: Schools and Neighborhoods," *American Economic Journal: Economic Policy*.
- Oreopoulos, Philip. "The Long-run Consequences of Living in a Poor Neighborhood" *Quarterly Journal of Economics*, Vol. 118, No. 4, November 2003
- Yagan, Danny. "Employment hysteresis from the great recession." *Journal of Political Economy* 127.5 (2019): 2505-2558.

9. Inequality: Schooling

- Angrist, Joshua D., et al. "Leveraging lotteries for school value-added: Testing and estimation." *The Quarterly Journal of Economics* 132.2 (2017): 871-919.
- Bound, John, Michael F. Lovenheim, and Sarah Turner. "Why have college completion rates declined? An analysis of changing student preparation and collegiate resources." *American Economic Journal: Applied Economics* 2.3 (2010): 129-57.
- Chabrier, Julia, Sarah Cohodes, and Philip Oreopoulos. "What can we learn from charter school lotteries?." *Journal of Economic Perspectives* 30.3 (2016): 57-84.
- **Chetty, Raj, John N. Friedman, and Jonah E. Rockoff. "Measuring the impacts of teachers I: Evaluating bias in teacher value-added estimates." *American Economic Review* 104.9 (2014): 2593-2632.**
- Chetty, Raj, John N. Friedman, and Jonah E. Rockoff. "Measuring the impacts of teachers II: Teacher value-added and student outcomes in adulthood." *American economic review* 104.9 (2014): 2633-79.
- Chetty, Raj, et al. "Income segregation and intergenerational mobility across colleges in the united states." *The Quarterly Journal of Economics* 135.3 (2020): 1567-1633.
- Hoxby, Caroline. Peer effects in the classroom: Learning from gender and race variation. No. w7867. National Bureau of Economic Research, 2000.
- Oreopoulos, Philip, and Uros Petronijevic. The remarkable unresponsiveness of college students to nudging and what we can learn from it. No. w26059. National Bureau of Economic Research, 2019.
- Rothstein, Jesse. "Teacher quality in educational production: Tracking, decay, and student achievement." *The Quarterly Journal of Economics* 125.1 (2010): 175-214.

10. Inequality: Gender gaps and Discrimination

- Altonji, Joseph G., and Rebecca M. Blank. "Race and gender in the labor market." *Handbook of labor economics* 3 (1999): 3143-3259.

- Baker, Michael, and Marie Drolet. "A new view of the male/female pay gap." *Canadian Public Policy* 36.4 (2010): 429-464.
- Bertrand, Marianne, Emir Kamenica, and Jessica Pan. 2015. "Gender Identity and Relative Income within Households." *The Quarterly Journal of Economics*, 130 (2), 571–614.
- Bertrand, Marianne, Claudia Goldin, and Lawrence Katz (2010) "Dynamics of the gender gap among young professionals in the corporate and financial sectors," *American Economic Journal: Applied Economics* 2(3): 228-255.
- Blau, Francine D., and Lawrence M. Kahn. "The gender wage gap: Extent, trends, and explanations." *Journal of Economic Literature* 55.3 (2017): 789-865.
- Brenøe, Anne Ardila, and Shelly Lundberg. "Gender gaps in the effects of childhood family environment: Do they persist into adulthood?." *European Economic Review* 109 (2018): 42-62.
- **Fortin, Nicole M. "Increasing earnings inequality and the gender pay gap in Canada: Prospects for convergence." *Canadian Journal of Economics/Revue canadienne d'économie* 52.2 (2019): 407-440.**
- Fortin, Nicole M., Philip Oreopoulos, and Shelley Phipps. "Leaving boys behind gender disparities in high academic achievement." *Journal of Human Resources* 50.3 (2015): 549-579.
- Goldin, Claudia, and Cecilia Rouse. "Orchestrating impartiality: The impact of" blind" auditions on female musicians." *American economic review* 90.4 (2000): 715-741.
- **Kleven, Henrik, Camille Landais, and Jakob Egholt Sogaard. "Children and gender inequality: Evidence from Denmark." *American Economic Journal: Applied Economics* 11.4 (2019): 181-209.**
- Niederle, Muriel, and Lise Vesterlund. "Do women shy away from competition? Do men compete too much?." *The quarterly journal of economics* 122.3 (2007): 1067-1101.
- **Oreopoulos, Philip "Why Do Skilled Immigrants Struggle in the Labor Market? A Field Experiment with Thirteen Thousand Resumes," *American Economic Journal: Economic Policy*, 2011, 3(4): 148-71.**
- Sarsons, Heather (2019) "Interpreting Signals in the Labor Market: Evidence from Medical Referrals."
- Schirle, Tammy. "The gender wage gap in the Canadian provinces, 1997–2014." *Canadian Public Policy* 41.4 (2015): 309-319.
- Sloane, Carolyn, Erik Hurst, and Dan Black. "A Cross-Cohort Analysis of Human Capital Specialization and the College Gender Wage Gap." (2020).