

Curriculum Vitae for William Bentley MacLeod

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Department of Economics
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1 Professional Experience

2011- Sami Mnaymneh Professor of Economics, Columbia University.
2005- Professor of International & Public Affairs, Columbia University.
2006- Affiliated Professor, Columbia Law School.
2015-2016 Visiting Research Fellow, Princeton University.
2011-2012 Leon Levy Foundation Member and Director Economics Program
(Spring), Institute for Advanced Studies, Princeton, NJ.
2005-2011 Professor of Economics, Columbia University.
2010-2011 Visiting Scholar, Russell Sage Foundation, New York.
2008-2011 Director, American Law and Economics Association.

2006-08	Co-Director, Program for Economic Research, Columbia University.
2004-07	Program Director, Personnel and Behavioral Economics, IZA, Bonn, Germany.
2003-2006	Director, Western Economics Association, 2003-2006.
2003-04	Visiting Professor of Economics, Princeton University.
2002	Visiting Professor of Economics and Law, California Institute of Technology.
2001	Visiting Scholar, CES, University of Munich, Germany (June 18-29).
1999-01	Determination fair formula for damage award in case of Abel v. Lockheed, Burbank, CA.
1996-98	Executive Committee, Association for Comparative Economics.
1996-97	Professor of Economics, Boston College.
1990-00	Research Associate of the C.R.D.E., Université de Montréal, (Deputy Director 01/94 - 06/95).
1993-95	Consultant for Employment and Immigration Canada.
1992-96	Professor of Economics, Université de Montréal.
1991	Olin visitor, Princeton University, Princeton, NJ (June).
1989-90	Visiting Professor, Universidad Autonoma de Barcelona IAE.
1992-92	Consultant for Independent Power Producers of Ontario.
1990-92	Associate Professor of Economics, Université de Montréal.
1987-91	Associate Professor, Queen's University, Kingston, Canada (with tenure).
1984-87	Assistant Professor, Queen's University, Kingston, Canada.
1984	Visiting Professor, CORE, Université Catholique de Louvain.

- 1983 Research Fellow, ISE and CORE, Université Catholique de Louvain.
- 1982-84 Lecturer, Queen's University, Kingston, Canada.
- 1978-79 Instructor, Calculus for Business Students, Queen's University, Kingston, Canada.
- 1975-77 Teacher (Physics and Mathematics), Boki Boys Secondary School, Nigeria.
- 1972-74 Summer Research Assistant, Physics Department, Queen's University.

2 Degrees and Graduate Studies

- 1975 Queen's University, Mathematics, B.A., with distinction.
- 1979 Queen's University, Mathematics, M.Sc (Thesis: On observers for non-linear dynamic systems).
- 1984 University of British Columbia, Economics, Ph.D (Thesis: Perspectives on Oligopoly Theory).

3 Distinctions and Honors

- 2016 1st Vice-President, *Society of Institutional and Organizational Economics* (President July 1, 2017).
- 2012 Elected Fellow of the *Society of Labor Economists*.
- 2011 Leon Levy Foundation Member, *Institute for Advanced Studies*, 2011-2012.
- 2010 Visiting Scholar, *Russell Sage Foundation*.
- 2007 John Weatherall Distinguish Fellow, Queen's University, Kingston Ontario, November.
- 2005 Elected Fellow of the *Econometric Society*.

- 2002 H. Gregg Lewis prize, awarded every two years by the Society of Labor Economists.
- 1981 Dal Grauer Memorial Prize for Economics, University of British Columbia.
- 1973 William Coombs Baker Prize for Physics, Queen's University (highest grade in first year physics).

3.1 Invited Plenary Lectures

- 2017 Keynote Address on Opportunism in Relational Contracts, Sept 24, 2017, at Annual Conference on Relational Contracts, Madrid, Spain.
- 2015 Keynote Address on Theory and Evidence in Labor Economics, June 29, World Congress for the Society of Labor Economics, Montreal, Canada.
- 2015 Keynote Address on Theory and Evidence in Labor Economics, May 29, Canadian Economics Association Meetings, Toronto, Canada.
- 2012 Leon Levy Lecture, Pay for Performance or Performance for Pay, April 26, Institute for Advanced Studies, Princeton, NJ.
- 2010 Keynote address to *Extended Education Cluster Meeting* for UNICEF, October 25-28, New York.
- 2010 Keynote address to TILEC conference on *Economic Governance and Competition*, Tilburg, The Netherlands (September).
- 2010 Address to the World Congress for the Society of Labor Economics, London, England on *Compensation and Employment* (June).
- 2010 Keynote Lecture at CSEF-IGIER Symposium on Economics and Institutions (CISEI), Villa Orlandi, Anacapri, Italy (June).
- 2003 Invited speaker at the Summer Institute for Institutional Economics on *Incentives and Subjective Evaluation*, Corsica, France (April).

- 2002 Keynote speaker at the *Venice Summer Institute* on *The Employment Contract and the Changing Organization of Labor in Europe* (July 19-20).
- 1999 Plenary address “Cognition and the Theory of Firm”, *Western Economics Association Meetings*, San Diego, (July), as part of a panel consisting of Harold Demsetz, UCLA, Michael Jensen, Harvard University and Oliver Williamson, UC Berkeley.
- 1998 Benjamin Meaker Public Lecture, “Thought or Reflex?”, Bristol University, England, June, 1996.
- 1996 Harold Innis Memorial Lecture: “Economics for a Complex and Confusing World”, *Annual meeting of the Canadian Economics Association*, St. Catharines, Ontario, May 1996.

4 Research

1. The Big Sort: College Reputation and Labor Market Outcomes, joint with Evan Riehl, Juan Saavedrea and Miguel Urquiola, forthcoming *American Economics Journal: Applied Economics*, 2017.
2. Viewpoint: The Human Capital Approach to Causal Inference, *Canadian Journal of Economics* , Vol. 50, No. 1, February 2017 (based on public lecture at the Canadian Economics Association, May 2015).
3. Diagnosis and Unnecessary Procedure Use: Evidence from C-sections, with J. Currie, *Journal of Labor Economics*, Vol 35, No. 1, 1-43, 2017..
4. Human Capital: The missing link between behavior and rational choice, *Labour Economics*, Volume 41, Pages 20-312, August 2016. (based upon public lecture at the Society of Labor Economists, June 2015)
5. Diagnosis and Physician Practice Style and Patient Health Outcomes: The Case of Heart Attacks, with J. Currie and Jessic van Parys, *Journal of Health Economics*, Volume 47, pp 64-80, 2016.
6. Comments on “Incomplete Contracts and the Internal Organization of Firms” by P. Aghion, N. Bloom and J. Van Reenen. *The Impact of*

Incomplete Contracts on Economics”, conference in honor of S. Grossman and O. Hart, P. Aghion, M. Dewatripont, and L. Zingales (editors), Oxford University Press, January 2016.

7. Reputation and School Choice, with Miguel Urquiola, *American Economic Review*, 105(11), pp 3471-3488. December, 2015.
8. Intrinsic Motivation in Public Service: Theory and Evidence from State Supreme Courts, with Elliott Ash, *Journal of Law and Economics.*, 58 (4), 2015. (supported by NSF SES-1260875).
9. Transactions Costs and the Employment Contract in the US Economy, with Daniel Parent. *Journal of Law, Economics and Organization*, 31(supp 1), 40-76, 2015.
10. “Institutions and Contract Enforcement,” with Armin Falk and David Huffman, *Journal of Labor Economics*, 33 (3), July 2015.
11. “Savage Tables and Tort Law: An Alternative to the Precaution Model,” with Janet M. Currie. *Chicago Law Review*, Volume: 81 Issue: 1 Pages: 53-82, March 2014.
12. Competition and Educational Quality: Incentives Writ Large, with Miguel Urquiola, in *Education Policy in Developing Countries*, Paul Glewwe, editor, Chapter 7, University of Chicago Press, Chicago, IL, 2013.
13. On Economics: A Review of Why Nations Fail by D. Acemoglu and J. Robinson and Pillars of Prosperity by T. Besley and T. Persson, *Journal of Economic Literature*, 51, pp. 116-43, 2013.
14. Contracts between Legal Persons, with Lewis Kornhauser, in *The Handbook of Organizational Economics*, Robert Gibbons and John Roberts, editors, December 2012, Princeton University Press, Princeton, NJ.
15. Introduction to "Job Characteristics and the Form of Compensation", with Daniel Parent, *Research in Labor Economics*, (Solomon W. Polachek and Konstantinos Tatsiramos, editors), 2012, Vol 35, page 603-606.

16. Contract Form, Wage Flexibility, and Employment, joint with Thomas Lemieux and Daniel Parent, *American Economic Review*, May 2012, Vol 102(3): 526-531.
17. Accidental Death and the Rule of Joint and Several Liability, joint with Daniel Carvell and Janet Currie, *Rand Journal of Economics*, Spring 2012, Vol. 43(1), pp. 51-77.
18. Great Expectations: Law, Employment Contracts, and Labor Market Performance, in *Handbook of Labor Economics*, Vol 4, edited by O. Ashenfelter and D. Card, 2011, pp 1591-1696.
19. Contracting in the Shadow of the Law, with Surajeet Chakravarty. *Rand Journal of Economics*, 2009, 40, 533-557.
20. Performance Pay and Wage Inequality, with Thomas Lemieux and Daniel Parent, *Quarterly Journal of Economics*, February 2009, Vol 124, No. 1, 1-49.
21. First Do No Harm? Tort Reform and Birth Outcomes, with Janet Currie, *Quarterly Journal of Economics*, May 2008, Vol. 123, No. 2, pp. 795-830. (One of five finalists for NIHCM Foundation's 15th Annual Health Care Research Award and reprinted in *The Economics of Health Law*, Ronen Avraham, David A. Hyman and Charles M. Silver (eds), Edward Elgar, 2016)) (Supported by the NSF)
22. Holdup and the Evolution of Bargaining Norms, with Herbert Dawid, *Games and Economic Behavior*, 2008, 62, pp. 26-52. (Supported by the NSF)
23. Can Contract Theory Explain Social Preferences, *American Economic Review*, May 2007, 97 (2) .
24. Can Wrongful Discharge Law Enhance Employment?, joint with Vora-prapa Nakavachara, *Economic Journal*, 117, F218-F278, 2007.
25. Reputations, Relationships and Contract Enforcement, *Journal of Economic Literature*, XLV, September, 2007, 597-630. (Lusk) Reprinted in *The Economics of Organization and Bureaucracy*, edited by Peter M. Jackson, International Library of Critical Writings on Economics, Edward Elgar Publishing Ltd,

26. Three Solitudes in Contract: Law, Data and Theory, *Scottish Journal of Political Economy*, 54(5), November, 2007, 606-616.
27. Tenure Is Justifiable, *Behavioral and Brain Sciences*, 2006, 29(6), pp. 581-582.
28. Welfare Economics with Intransitive Revealed Preferences: A Theory of the Endowment Effect, joint with H. Lorne Carmichael, *Journal of Public Economic Theory*, 8 (2), 2006, 193-218.
29. Aspiration Uncertainty: Its Impact on Decision Performance and Process, with Mark Pingle, *Journal of Economic Behavior & Organization*, 2005, 56(4), pp. 617-29.
30. Beyond Master-Servant: A Critique of Vicarious Liability, in *Exploring Tort Law* (Stuart Madden, ed.) (Cambridge Univ. Press 2005), with Jennifer Arlen.
31. Cut to the Bone? Hospital Takeovers and Nurse Employment Contracts, *Industrial and Labor Relations Review*, 2005, 58(3), pp. 471-93, joint with Janet Currie and Mehdi Farsi.
32. Regulation or Markets? The Case of Employment Contracts, *CESifo Economic Studies*, 2005 51 (1): 1-46.
33. Torts, Expertise and Authority: Liability of Physicians and Managed Care Organizations, with Jennifer Arlen. *Rand Journal of Economics*, Autumn 2005, Volume 36, No. 3
34. Contracts, in A. Kuper and J. Kuper, *The Social Science Encyclopedia*. London ; New York: Routledge, 2004.
35. Caring about Sunk Costs: A Behavioral Solution to Hold-up Problems with Small Stakes, with H. Lorne Carmichael, *Journal of Law, Economics and Organization*, 19 (1), Spring 2003, 106-118. (Supported by the NSF)
36. Malpractice Liability for Physicians and Managed Care Organizations, with Jennifer Arlen, *New York University Law Review*, 78 (6), December, 2003, 1929-2006.

37. Optimal Contracting with Subjective Evaluation, *American Economic Review*, March 2003, 93 (1), 216-240. (Supported by the NSF)
38. Complexity, Bounded Rationality and Heuristic Search, *Contributions to Economic Analysis & Policy of The B.E. Journals in Economic Analysis & Policy*: Vol 1: No. 1, Article 1, 2002. (Supported by the NSF)
39. Complexity and Contract, *Revue d'Economie Industrielle*, 92, trimestre 2000. Reprinted with modifications in *The Economics of Contract in Prospect and Retrospect*, edited by Eric Brousseau and Jean-Michel Glachant, Cambridge University Press, 2002, pp 213-240.
40. Hold-up and the Evolution of Bargaining Conventions, with Herbert Dawid, University of Southern California. *European Journal of Economic and Social Systems*, 2001, 15, N. 3, 153-169. (Supported by the NSF)
41. Supply Side Hysteresis: the Case of the Canadian Unemployment Insurance System, with Thomas Lemieux, *Journal of Public Economics*, October 2000, 78(1-2), pp. 139-170.
42. Worker Cooperation and the Ratchet Effect, with Lorne Carmichael. *Journal of Labor Economics*, January 2000, 18, pp. 1-19. (Awarded the 2002 H. Gregg Lewis Prize. Reprinted in *Recent Developments in Labor Economics*, edited by John T. Addison, Edward Elgar Publishing, 2007)
43. Comments on "Public and Private Bureaucracies: A Transaction Cost Economics Perspective", by Oliver Williamson, *Journal of Law, Economics and Organization*, March 1999, V 15, No. 1, 343-344.
44. Job Characteristics, Wages, and the Employment Contract, with Daniel Parent, *Federal Reserve Bank of St. Louis Review*, Vol. 821, No. 3, May/June 1999: pp. 13-28. (Supported by the NSF)
45. Job Characteristics and the Form of Compensation, with Daniel Parent, *Research in Labor Economics*, Vol. 18, JAI Press, 1999: pp. 177-242. Reprinted in anniversary volume of *Research in Labor Economics*, (Solomon W. Polachek and Konstantinos Tatsiramos, editors), 2012, Vol 35, page 603-672. (Supported by the NSF)

46. Is Multi-tasking Complex?, Commentary on the target article "Processing capacity defined by relational complexity: Implications for comparative, developmental , and cognitive psychology," by G. Halford, W. Wilson and S. Phillips. *Behavior and Brain Sciences*, 1998, 21, 840-841.
47. Motivation and Markets, with Jim Malcomson, *American Economic Review*, July 1998, Vol 88, pp. 388-411.
48. A Review of Dual Labor Markets: Macroeconomic Perspective, by Gilles Saint-Paul, *Industrial and Labor Relations Review*, April 1998.
49. Gift Giving and the Evolution of Cooperation, with Lorne Carmichael. *International Economic Review*, July 1997, Vol. 38, pp. 485-509.
50. Review of Personnel Economics: The Wicksell Lectures by Edward P. Lazear. *Journal of Political Economy*, June 1997, pp. 652-655.
51. Decision, Contract and Emotion: Some Economics for a Complex and Confusing World, Harold Innis Memorial Lecture 1996 CEA meetings. *The Canadian Journal of Economics*, November 1996, Vol 29, pp. 788-810.
52. Administrative Corruption and Efficient Taxation, with Frank Flatters, *International Tax and Public Finance*, 2, 1995, 397-417. Reprinted in *The Economics of Corruption and Illegal Markets*, edited by G. Fiorentini and S. Zamagni, International Library of Critical Writings in Economics, Edward Elgar.
53. Contract Bargaining With Symmetric Information, with James Malcomson, *The Canadian Journal of Economics*, 28, May, 1995, 336-67.
54. Incentives in Organizations: An Overview of Some of the Evidence and Theory, in Horst Siebert (ed.), *Trends in Business Organization*, The Kiel Institute of World Economics, 1995.
55. Equilibrium Selection in Experimental Games with Recommended Pay, with Jordi Brandts, *Games and Economic Behavior*, 11, 1995. 36-63.
56. State Dependence and Unemployment Insurance, with Thomas Lemieux, Technical Report No. 4, Human Resources Canada, 1995.

57. Turnover Costs, Efficiency Wages and Cycles, with James Malcomson, *Annales d'Economiques et Statistique*, 37/38, Janvier/Juin, 1995, 55-74.
58. Labour Turnover and the Natural Rate of Unemployment: Efficiency Wage vs Frictional Unemployment, with James Malcomson and Paul Gomme, *Journal of Labor Economics*, 12, no.2, 1994, 276-315.
59. Continuous Time Repeated Games, with James Bergin, *International Economic Review*, 34(1), February 1993, 21-37.
60. Efficiency and Renegotiation in Repeated Games, with James Bergin, *Journal of Economic Theory*, 61, 1993, pp. 42-73.
61. Investments, Holdup, and the Form of Market Contracts, with James Malcomson, *American Economic Review*, 83, 1993, 811 - 837.
62. Multi-skilling, Technical Change and the Japanese Firm, with Lorne Carmichael, *Economic Journal*, 103(416) January 1993, 142-160.
63. The Role of Exit Costs in the Theory of Cooperative Teams: A Theoretical Perspective, *Journal of Comparative Economics*, 17, June 1993, 521-529.
64. Specific Investment and Wage Profiles in Labour Markets, with Jim Malcomson, *European Economic Review*, 37, May 1993, 343-354.
65. Wage Premiums and Profit Maximisation in Efficiency Wage Models, with James Malcomson, *European Economic Review*, 37, 1993, 1223-1249.
66. Firm Reputation and Self-Enforcing Labor Contracts, with Yoshitsugu Kanemoto, 1992, *Journal of Japanese and International Economies*, 6, 144-162.
67. Les contrats auto-exécutoires et la théorie des institutions du marché du travail, *Actualité économique/Revue d'analyse économique*, 68, September 1992, 433-476.
68. Seleccion De Equilibrios En Juegos Experimentales Con Recomendaciones, with Jordi Brandts, *Investigaciones Economicas*, 1992, 0(0), pp. 67-71.

69. The Ratchet Effect and the Market for Second-Hand Workers, with Yoshitsugu Kanemoto, 1992, *Journal of Labor Economics*, 10, 85-98
70. Spatial Competition and the Core, with Jonathan Hamilton and Jacques Thisse, 1991, *Quarterly Journal of Economics*, 106, 925-937.
71. The Theory of Contracts and Practices in Japan and the United States, with Yoshitsugu Kanemoto, 1991, *Managerial and Decision Economics*, 12, 159-170.
72. Review of Information, Incentives, and Bargaining in the Japanese Economy by Masahiko Aoki, *Journal of Economic Behavior and Organization*, 13, 409-411, 1990.
73. Entry, Sunk Costs and Market Structure: Reply, 1989, *Canadian Journal of Economics*, 22, pp. 438-441.
74. Entry, Sunk Costs and Renegotiation in Duopoly, joint with Jim Bergin, *Annales d'Economiques et Statistique*, 15/16, pp. 173-191, 1989.
75. Implicit Contracts, Incentive Compatibility and Involuntary Unemployment, with J. Malcomson, 1989, *Econometrica*, Vol 56, No. 2, March, 447-480. Reprinted in *The Economics of Contracts* edited by Patrick Bolton, The International Library of Critical Writings in Economics, Edward Elgard.
76. Optimal Labor Contracts with Non-Contractible Human Capital, with Yoshitsugu Kanemoto, 1989, *Journal of Japanese and International Economies*, 3, pp. 385-403.
77. Review of Strategic Behaviour and Industrial Competition, edited by D. J. Morris, P. J. N. Sinclair, M. D. E. Slater and J. S. Vickers, *Economica*, November, 1989.
78. Equity, Efficiency and Incentives in Co-operative Teams, 1988, in *Advances in the Economic Analysis of Participatory and Labor Managed Firms*, Volume 3, 5-23, J.A.I.
79. Price Discrimination and Equilibrium in Monopolistic Competition, with George Norman and Jacques Thisse, 1988, *International Journal of Industrial Organization*, 6, pp. 429-46. Reprinted in *Market*

Strategy and Structure, edited by A. Gee and G. Norman, *The Economics of Price Discrimination*, The International Library of Critical Writings in Economics, Edward Elgard.

80. Reputation and Hierarchy in Dynamic Models of Employment, with J. Malcomson, 1988, *Journal of Political Economy*, 96, pp. 832-54.
81. Behavior and the Organization of the Firm, 1987, *Journal of Comparative Economics*, 11, pp. 207-220.
82. Entry, Sunk Costs and Market Structure, 1987, *The Canadian Journal of Economics*, 20, February, pp. 140-151.
83. Involuntary Unemployment in Dynamic Contract Equilibria, with James Malcomson, 1987, *European Economic Review*, 31, February/March, pp. 427-435.
84. Competition, Tacit Collusion and Free Entry, with G. Norman and J. Thisse, 1987, *Economic Journal*, 97, March, 189-198.
85. On adjustment costs and the stability of equilibria, *The Review of Economic Studies*, 52, 1985, 575-592.
86. On the non-existence of equilibria in differentiated product models, 1985, *Journal of Regional Science and Urban Economics*, 15, 245-262.
87. A Theory of Conscious Parallelism 1985, *European Economic Review*, 27, 25-44.
88. A theory of cooperative teams, CORE discussion paper 8441, Louvain-la-Neuve, 1984.
89. The core and oligopoly theory, CORE discussion paper 8331, Louvain-la-Neuve, 1983.

5 Work in Progress

- *Economics of Decision and Contract*, under contract with MIT Press.
- Optimal Contracting with Subjective Evaluation: The Effects of Timing, Malfeasance and Guile, with Teck Yong Tan.

- The Performance of Elected Officials: Evidence from State Supreme Courts, with Elliott Ash, supported by NSF SES-1260875, NBER working paper 22071.

6 Grants and Fellowships

- 2015-2017 NSF Grant SES-1459932 “Language, Laws, and Labor Contracts in the 20th Century Award”, with Suresh Naidu, \$160,000.
- 2013-2017 NSF Grant SES-1260875, "A Study Into the Effect of Employment Conditions Upon Judicial Behavior and Performance," \$228,000.
- 2012-2013 PER seed grant for Research on Incentive compensation, \$6,000.
- 2010-2012 SIPA seed grant for Research on Education Policy - with Miguel Urquiola, \$15,000.
- 2010-2011 International Growth Center Grant to work on education in Africa, £44,000.
- 2006-10 National Science Foundation Grant SES-06-17892 "First Do No Harm? The Effects of Tort Reform on Outcomes and Procedures at Birth," with Janet Currie, \$193,136.
- 2004 Lusk Center Research Grant, \$10,000.
- 2001-03 National Science Foundation Grant SBE-0095606 on “The Evolution of Bargaining Conventions,” joint with Herbert Dawid, \$96,568.
- 1997-01 National Science Foundation Grant SBE-9709333 for the project “Complexity, contract and compensation,” \$227,999.
- 1991-93 FCAR, Quebec for research on labor economics.
- 1982-97 Continuous funding by the Social Sciences and Humanities Research Council of Canada for projects on organization and contract theory.
- 1985-87 SSHRC Postdoctoral Fellowship

- 1983 Research Fellowship - Université Catholique de Louvain
- 1980-82 SSHRC Doctoral Scholarship.

7 Professional Affiliations

- Research Associate, National Bureau for Economic Research, since 2007 (affiliated with program in labor studies and program in law and economics).
- Research Fellow, CESinfo, Munich, Germany, since 2002.
- Research Associate, CIRANO, Montreal, Canada, since 1997.
- Research Fellow, IZA Bonn, since 2003.
- Member of Econometric Society, American Economics Association, American Law and Economics Association, Society of Labor Economists, Canadian Economics Association, Society of Institutional and Organizational Economics.
- Affiliated Faculty, *Center for Contract and Economic Organization*, Columbia Law School, 2006-present
- Affiliated Faculty, *Center on Global Economic Governance*, SIPA, Columbia University.
- Member, *Columbia Committee on the Economics of Education*, Columbia University.
- Member, *Center for Development Economics and Policy (CDEP)*, SIPA, Columbia University.

8 Graduate Teaching

8.1 Courses

- 2016-2017, Graduate Micro Economics, Columbia University

- Aug 29 - September 1, Course on New Frontiers in Human Capital, NHH, Bergen, Norway (course given jointly with Janet M Currie, Princeton University).
- 2006-2008, 2012-2015 Graduate Labor Economics, Columbia University
- 2006-2008, 2012-2017 Economics, Law and Public Policy (SIPA and Columbia Law School)
- 2012-2017 , Economics, Law and Public Policy, Columbia College.
- Lectures on Contract Theory, Sorbonne (Paris I), Paris, Spring 2013.
- Graduate Mathematical Methods (required first year economics graduate course), Fall 2008, Fall 2009.
- Graduate Seminar in Applied Micro-economics, 2006-2010.
- Lectures on Contract Theory, ISNIE, Nanterre, France, 03/2009.
- Seminar in Law, Economics and Finance (with Ailsa Roell), Columbia University, 2005-06.
- Graduate Microeconomics (Decision and Game Theory) - 1997-2003, 2004-2005, 2006-2008.
- Graduate Contract Theory and Labor Economics and Undergraduate Labor Economics - Caltech, 2002.
- Graduate Industrial Organization - USC, 2000-2002.
- Graduate and Undergraduate Law and Economics, USC, 2001, 2005.
- Seminar in Law, Economics and Organization (joint with Economics, the Law School and the Business School at USC) - 1997-2003, 2004-2005.
- Graduate Labor Economics and Industrial Organization - Princeton, 2003-04.
- Lectures on Contract Theory, International Summer School - Kolpinghaus auf Schönbürg, D-55430 Oberwesel/Rhein, organized by the Department of Economics, Bonn University, 08/2000.

- Lectures on Contract Theory, Department of Economics, Queen's University, Kingston, Canada, 07/2000.

8.2 Graduate Supervision

- Xuan Li, PhD, Columbia University, expected 2019.
- Geng, Tong, PhD, Columbia University, expected 2018
- Ding Yuan, PhD Columbia University, expected 2018
- Maria Micaela Sviatschi, PhD, Columbia University, expected 2017.
- Evan Riehl, PhD, Columbia University, expected 2017
- Teck Yong Tan, PhD, Columbia University, expected 2017
- Elliott Ash, Princeton University, PhD Columbia University 2016.
- Xing Xia, Yale University in Singapore, PhD Columbia University 2016
- Naihobe Gonzalez, Mathematica, San Francisco, PhD Columbia University, 2015.
- Ferran Elias Moreno, Copenhagen University, PhD Columbia University, 2015
- Wooram Park, Korea Development Institute: PhD, Columbia University, 2013.
- Wilfredo Lim, Mathematica, San Francisco. PhD, Columbia University, 2012.
- Lesley Turner, University of Maryland. PhD, Columbia University, 2012.
- Raicho B. Bojilov, Ecole Polytechnique. PhD, Columbia University, Spring 2011.
- Soloman Hsiang, Berkeley (tenured). PhD, Columbia University, Spring 2011.

- Beliyoun Haile, International Food Policy Research Institute, Washington, DC. PhD Columbia University, Fall 2011.
- Daniel Carvell, Center for Naval Analysis: PhD, Columbia University, Fall 2010.
- Yinghua He, Rice University. PhD, Columbia University, Spring 2010.
- Johannes Schmieder, Boston University (tenured), PhD, Columbia University, Spring 2010.
- Stephan Litschig, National Graduate Institute for Policy Studies (tenured). PhD, Columbia University, May 2008.
- Voraprapa Nakavachara, Chulalongkorn University, Thailand: PhD, USC, October 2007.
- Bharat Bhole, Rochester Institute of Technology (tenured). PhD, USC, Fall 2003.
- Mehdi Farsi, Chair of Microeconomics of the Public Sector, University of Neuchâtel. PhD, USC, Spring 2002.
- Surajeet Chakravarty, Reader, University of Exeter. PhD, USC, Spring 2002.
- Charles Pell, Assistant U.S. Attorney, United States Attorney's Office, Central District of California. J.D./M.A., USC, 2000.
- David N. Mishol, Vice-President, Analysis Group/Economics, Boston, MA. Ph.D., Boston College, 1999.
- Jean Fares, Advisor, Prime Minister's Office, UAE. Ph.D., Université de Montréal, 1996.
- Daniel Parent, Professor of Economics, HEC, Université de Montréal, Canada. Ph.D., Université de Montréal, 1995.
- Paula Peare, Ph.D., Queen's University, 1990.
- Peter Kennedy, Professor, University of Victoria, Victoria, BC, Canada: Ph.D., Queen's University, 1988.

9 Service

9.1 Service to the Academic Community

- 1st Vice-President, Society for Institutional and Organizational Economics.
- Lectures on Frontiers in Human Capital, Norwegian School of Economics, NHH, Bergen, Norway, August 29- September 1, 2016, joint with Janet M Currie, Princeton University.
- 2015 Mincer Prize Committee, *Society of Labor Economics*.
- 2nd Vice-President, International Society for New Institutional Economics.
- Editorial Board, *Journal of Law, Economics and Organization* - 2/2012 - present.
- 2014 Rosen Prize Committee, *Society of Labor Economics*.
- Panelist on Constructive Perspectives: Are New York's Construction Safety and Insurance Laws Serving the Public?, Continuing Legal Education Panel, New York Bar Association, March 13, 2014.
- Co-Editor - *Journal of Law, Economics and Organization* - 12/2009 - 2/2012.
- Co-Editor - *Journal of Labor Economics* - 09/2003 - 2011.
- Associate Editor - *Journal of Economic Behavior and Organization* - 08/2002 - 01/2010.
- Served on Brookings Panel to produce report *Expanding Choice in Elementary and Secondary Education*, with Jay Greene, Tom Loveless, Thomas Nechyba, Paul Peterson, Meredith Rosenthal, and Grover Whitehurst, 2010.
- Associate Editor, 1994-1996, *Journal of Comparative Economics*.
- Over the years have been a referee for more than 30 journals and National Funding Panels for various countries.

9.2 Conference Organization

- Chair, Program Committee, Society of Institutional and Organizational Economics, Columbia University, June 2017.
- Program committee, Society of Labor Economists Conference, Montreal, June 2015.
- Organizer (with Robert Scott, Suresh Naidu, and Jan Svenjar), Conference on Legal Innovation: Law, Economics and Governance, Columbia University, April 4, 2014.
- Program Committee, 18th Annual Conference of The International Society for New Institutional Economics in Durham, NC, USA, June 19 – 21, 2014.
- Area organizer (labor and discrimination) for the 2013 American Law and Economics Association Annual Meetings.
- Area organizer (contracts) for the 2012 American Law and Economics Association annual meetings.
- Program Committee, Annual meeting, Society of Labor Economics, Vancouver, May 2011.
- Area organizer (contracts) for the 2010 American Law and Economics Association annual meetings, Princeton, NJ.
- Organizer of Second IZA Workshop on Behavioral and Personnel Economics, IZA, Bonn, May 25-26, 2007.
- Organizer of IZA Topic Week on Labor Market Institutions, IZA, Bonn, July 1-6, 2006.
- Area organizer (labor and health) for the 2006 American Law and Economics Association annual meetings.
- Co-organizer, with Patrick Bolton, Jeffery Gordon, Ailsa Roell, and Robert Scott, Contract Design and the Role of Institutions, Columbia Law School, April 7-8, 2006.

- Organizer of First IZA Workshop on Behavioral and Personnel Economics, IZA, Bonn, May 30-31, 2005.
- Area organizer (contracts) for the 2003 American Law and Economics Association annual meetings.
- Conference on Economic Behavior and Organization, to be held in honor of Richard H. Day on April 26-27, 2003, USC.
- Mechanism Design and the Law - Center for Law, Economics and Organization, USC, February 23-24, 2002.
- Second colloquium on Routines, Production Habits, and Bounded Rationality will be held at the University of Aix-Marseille, Aix-en-Provence, France on June 20-21, 2002.
- Behavioral Economics and the Law, Center for Law, Economics and Organization conference, June 2-3, 2001 at University of Southern California, with Jennifer Arlen, Colin Camerer and Eric Talley.
- Program committee, North American Meetings of the Econometric Society, Chicago, January 1998.
- 5th Canadian Labor Conference, joint with P-Y. Crémieux, P. Lanoie and T. Lemieux, University of Montreal, Montreal, June 5-7, 1995.
- Organized series of invited survey papers at the Canadian Economic Association Conference, Charlottetown, P.E.I., Canada, June 1993. Papers published in the *Canadian Journal of Economics* 1995.
- International Conference on “Incentives and Contracts”, joint with Lorne Carmichael, CRDE, University of Montreal, Montreal, June 13-14, 1992.

9.3 Columbia University

- Chair, Steering committee, Micro-economic Theory Initiative, 2017-
- Promotion and Tenure Committee, College of Arts and Sciences, 2013-2017

- PhD admissions committee, Department of Economics, 2015-2017
- Placement Chair, PhD program in Sustainable Development, SIPA, 2016-2017
- Faculty Development Committee, School of International and Public Affairs, 2013-2017.
- Chair, Computing Committee, Department of Economics, Columbia University, 2014-2016
- Steering Committee, Program for Economic Research, Columbia University, 2014-2016
- Organizer (with Robert Scott) and Moderator for Public Panel on “Why Nations Succeed?”, April 3, 2014, sponsored by the Economics Department, SIPA and Columbia Law School.
- Chair, committee on PhD program in Global Public Policy for SIPA, 2010-2014.
- Board of Advisers, Center for Contract and Economic Organization, Columbia Law School, 2006-
- Graduate Placement, Department of Economics, 2012-2013.
- Program in Economic Research Steering Committee, 2012-2013.
- Manhattanville Planning Committee, 2008- 2010.
- Faculty Development Committee, Faculty of Arts and Science (all Arts and Science promotion cases) 2008 - 2010.
- Chair, Space Committee, Department of Economics, 2006-2010.
- Member, Computer Committee, Department of Economics, 2007-2009
- Co-Director, Program for Economic Research, 2006-2008.
- Co-Chair, junior hiring, Department of Economics, 2005-06.

9.4 University of Southern California

- Co-Executive Director, Center for Law, Economics and Organization 2000 - 2003, 2004-2005.
- Senior Hiring Committee, Department of Economics - 1997-2001, 2004-2005, Chair 1997-2000.
- Junior Hiring Committee, Department of Economics - 1999-2001, Chair 2000-2001, 2002-2003.
- Chair Executive Committee, Department of Economics - 2000-2001.
- Social Sciences Promotion Committee, College of Letters, Arts and Sciences, 1997-2001, Chair 1999-2001.
- Ph.D. exam committee 1997 - present.
- Director, Law and Economics Program, Department of Economics, 1997 - 2003, 2004-2005.
- Faculty Council, College of Letters, Arts and Science, 2001 - 2003.
- Member of review committee, Marshall School of Business, 2002 - 2003.
- Member of University Committee on Promotion and Tenure, 2002 - 2003.

9.5 Miscellaneous

- 2016 - Presentation on managing construction bidding process, American Institute of Architects, November 17, 2016.
- 2013 - present, member, Investment Committee, St. Micheal's Church, New York, NY.
- 2005 - present, member Princeton Club Squash Team, New York.
- 2006 - present, Referee and Coach for boy's soccer, West Side Soccer League.
- 2009 - worked with Streetsquash Harlem, and Columbia Undergrads to help evaluate their after school program of teenagers in Harlem.