

Curriculum Vitae

Name: Ching-to Albert Ma
 Address: Department of Economics
 Boston University
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 Boston, Massachusetts 02215
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University Education

Dates	Institution	Degree	Subjects
1988	London School of Economics	Ph.D.	Economics
	Dissertation Title: <i>Incentive Contracts and Organisation Theory</i>		
1984	University of Manchester	M.A.	Economics
1982	University of Hong Kong	B.Soc.Sc.	Economics, Statistics

Research Grants

2015-2017	Research Council of Norway. International Research Collaborative for Health Economic Experiments
2012-2014	Research Council of Norway. Visiting Professor, Program for Funding of Foreign Researchers
2005-2011	Research Council of Norway. Researcher in the Health Economics Research Program at the University of Oslo
2003-2004	Robert Wood Johnson Foundation. Co-investigator on “The Dynamics of Insurance Decisions, Industry Structure and Job Turnover.”
2003-2004	Agency for Healthcare Research and Quality. Principal Investigator on Conference Grant “The Sixth Conference on the Industrial Organization of Health Care.”
2001-2004	National Institute on Alcohol Abuse and Alcoholism. Principal Investigator on “Provider and Client Adherence in Alcohol Abuse Treatments.”
2000-2005	Agency for Health Care Research and Quality. Researcher in center grant “Structuring Markets and Competition in Health Care.”
2000-2003	National Institute of Mental Health. Researcher in grant on “Network Effects in Mental Health Managed Care.”
1996-1998	National Institute of Alcohol Abuse and Alcoholism. Principal Investigator on “ADM Block Grants and State Substance Abuse Spending.”
1995-1999	National Institute of Drug Abuse. Researcher in center grant “Center for Managed Care and Drug Abuse.”
1992-1996	National Association of State Mental Health Program. Researcher in grant on “The Political Economy of State Mental Health Policy.”
1990-2000	Various research grants from Veterans Administration, Bedford, Massachusetts

Scholarships and Awards

2015	Neu Family Award for Teaching Excellence in Economics, Boston University
2009	Cátedras de Excelencia (Chair of Excellence), Universidad Carlos III de Madrid, August 2009-February 2010

- 1998 “Kenneth J. Arrow Award for Best Paper in Health Economics,” International Health Economics Association.
- 1986-1987 Honda Award, London School of Economics.
- 1986-1987 Overseas Research Students Award, Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom.
- 1983-1986 Commonwealth Scholarship, Association of Commonwealth Universities, United Kingdom.
- 1982 Ronald Hsia Prize in Economics, University of Hong Kong

Employment Experience

- 2023 (Oct-Dec) Visiting Professor of Economics, National Taiwan University
- 2006-2014 Adjunct Visiting Professor, University of Lausanne
- 2005-2017 Adjunct Professor of Economics, University of Oslo
- 2001- Professor of Economics, Boston University
- 2001-2003 Professor of Economics, Hong Kong University of Science and Technology
- 1994-2001 Associate Professor of Economics, Boston University
- 1988-1994 Assistant Professor of Economics, Boston University
- 1987-1988 Visiting Assistant Professor of Economics, Boston University
- 1982-1983 Teaching Assistant (full time), University of Hong Kong

Professional Activities

- Guest Editor, Special Issue on Equity and Sustainability in the Health Care Market: Socio-economic Analysis of Governance and Reforms, in Socio-Economic Planning Sciences, 2023-24
- Member of Boston University College of Arts and Sciences, Appointment, Promotion and Tenure Committee, 2017-2020
- Editorial Board member, Health Economics Section, International Journal of Environmental Research and Public Health, 2012-2023
- Associate Chair, Economics Department, Boston University, 2010-2016
- Editor, B.E. Journals in Economic Analysis & Policy, 2006-2010
- CoEditor, Journal of Economics & Management Strategy, 1996-2006
- Associate Editor, American Journal of Health Economics, 2014-2022
- Associate Editor, Rand Journal of Economics, 2004-2011
- Associate Editor, Pacific Economic Review, 2008-
- President, Chinese Economic Association in North America, 2008
- President Elect, Chinese Economic Association in North America, 2007
- External Examiner, School of Economics and Finance, University of Hong Kong, 2011-14
- External Examiner, Department of Economics, Chinese University of Hong Kong, 2008-2010
- Director, Industry Studies Program, Economics Department, Boston University, 1999-2016
- Acting Director, Industry Studies Program, Economics Department, Boston University, 1997-99
- Committee member for the Arrow Award, International Health Economics Association, 2005-10.
- Program Committee Member, Meeting of the European Economic Association, 1999
- Co-organizer of Conferences on the Industrial Organization of Health Care, Boston, 1995, 1997, 1999, 2001 and 2004
- Local Arrangements Chairman, North American Summer Meetings of the Econometric Society, 1993, Boston

Publications

“Vaccination Equilibrium: Externality and Efficiency,” *Socio-Economic Planning Sciences*, Vol. 95, 1020001, 2024.

“Equilibrium Information in Credence Goods,” *Games and Economic Behavior*, Vol. 145, 84-101, 2024 (with Ting Liu).

“Changing Preferences: An Experiment and Estimation of Market-Incentive Effects on Altruism,” *Journal of Health Economics*, Vol. 92, 102808, 2023 (with Undral Byambadalai and Daniel Wiesen).

“Technology Adoption by Primary Care Physicians,” *Health Economics*, Vol. 31, 443-465, 2022 (with Tor Iversen).

Chapter 1 “A Conversation with Albert Ma” in Barrieu, P (ed.) *Dialogues Around Models and Uncertainty: An Interdisciplinary Perspective*, London, UK: World Scientific Publishing, 1-17, 2020.

“Uterus at a Price: Disability Insurance and Hysterectomy,” *Journal of Health Economics*, Vol. 66, 1-17, 2019 (with Elliott Fan and Hsienming Lien).

“Incentives in Healthcare Payment Systems,” in *Oxford Research Encyclopedia of Economics and Finance*, 2019 (with Henry Mak).

“Product Differentiation with Multiple Qualities,” *International Journal of Industrial Organization*, Vol. 61, 380-412, 2018 (with Francesca Barigozzi).

“Incentives for Motivated Experts in a Partnership,” *Journal of Economic Behavior & Organization*, Vol. 152, 296-313, 2018 (with Ting Liu and Henry Mak).

“Quality and Competition between Public and Private Firms,” *Journal of Economic Behavior & Organization*, Vol. 140, 336-353, 2017 (with Liisa Laine).

“Information Acquisition, Referral, and Organization,” *Rand Journal of Economics*, Vol. 47, 935-960, 2016 (with Simona Grassi).

“Information Disclosure and the Equivalence of Prospective Payment and Cost Reimbursement,” *Journal of Economic Behavior & Organization*, Vol. 117, 439-452, 2015 (with Henry Mak).

“Competition, Gatekeeping, and Health Care Access,” *Journal of Health Economics*, Vol. 39, 159-170, 2015 (with Geir Godager and Tor Iversen).

“Public Report, Price, and Quality,” *Journal of Economics & Management Strategy*, Vol. 23, 443-464, 2014 (with Henry Mak).

“Health Insurance, Treatment Plan, and Delegation to Altruistic Physician,” *Journal of Economic Behavior & Organization*, Vol. 85, 79-96, 2013 (with Ting Liu).

“Immigrants’ Acculturation and Changes in Body Mass Index,” *Economics and Human Biology*, Vol. 11, 1-7, 2013 (with Tor Iversen and Haakon Meyer).

“Experience Benefits and Firm Organization,” *BE Journal of Economic Analysis & Policy*, Vol. 12, Iss. 1 (Contribution), Article 39, 2012 (with Ingela Alger and Regis Renault).

“Public Section Rationing and Private Sector Selection,” *Journal of Public Economic Theory*, Vol. 14, 1-34, 2012 (with Simona Grassi).

“Optimal Public Rationing and Price Response,” *Journal of Health Economics*, Vol. 30, 1197-1206, 2011 (with Simona Grassi).

“Market Conditions and General Practitioners’ Referrals,” *International Journal of Health Care Finance and Economics*, Vol. 11, 245-265, 2011 (with Tor Iversen).

“Optimal Health Care Contracts under Physician Agency,” *Annales d'Economie et de Statistique*, Number 101/102, January/June, 229-256, 2011 (with Philippe Chone).

“Health Insurance, Cost Expectations, and Adverse Job Turnovers,” *Health Economics*, Vol. 20, 27-44, 2011 (with Randall P. Ellis).

“Subsidy Design: Wealth versus Benefit,” *Journal of Economics*, Vol. 101, 49-72, 2010 (with Simona Grassi).

“Progress and Compliance in Alcohol Abuse Treatment,” *Journal of Health Economics*, Vol. 29, 213-225, 2010 (with Hsien-Ming Lien, Mingshan Lu, and Thomas G. McGuire).

“Service Motives and Profit Incentives Among Physicians,” *International Journal of Health Care Finance and Economics*, Vol. 9, 39-57, 2009 (with Geir Godager and Tor Iversen).

“Health Care Economics and Policy: An Introduction,” in *The B.E. Journal of Economic Analysis & Policy*, Vol.8, Issue 2 (Advances), Article 10, 2008.

“The Economics of Consumer Directed Health Care,” in *Financing Health Care: New Ideas for a Changing Society*, edited by Mingshan Lu and Egon Jonsson, Wiley-VCH Verlag, Weinheim, 2008, 105-123.

“Moonlighting: Public Service and Private Practice,” *Rand Journal of Economics*, Vol. 38, Winter, 1113-1133, 2007 (with Gary Biglaiser).

“Altruism and Incentives in Public and Private Health Care,” in *Finance and Incentives of the Health Care System, Proceedings of the 50th Anniversary Symposium of the Yrjö Jahansson Foundation*, edited by Antti Suvanto and Hannu Vartiainen, Government Institute for Economic Research, Helsinki, 2007, 79-104.

“Financial Incentives and Gaming in Alcohol Treatment,” *Inquiry*, Vol. 43 Spring, 34-53, 2006 (with Mingshan Lu).

“Patient-Client Interactions and Quantity of Health Care Use,” *Journal of Health Economics*, Vol. 23, 1261-1283, 2004 (with Hsien-Ming Lien and Thomas G. McGuire).

“Managed Care and Shadow Price,” *Health Economics Letters/Health Economics*, Vol. 13, 199-202, 2004.

- “Public Rationing and Private Cost Incentives,” *Journal of Public Economics*, Vol. 88, 333-352, 2003.
- “Managed Care and Trends in Hospital Care for Mental Health and Substance Abuse Treatment in Massachusetts: 1994-1999,” *Journal of Mental Health Policy and Economics*, Vol. 6(1), 3-12, 2003 (with Elaine Fleming, Hsien-Ming Lien and Thomas G. McGuire).
- “Price and Quality Competition under Adverse Selection: Market Organization and Efficiency,” *Rand Journal of Economics*, Vol. 34, 266-286, 2003, (with Gary Biglaiser).
- “Risk Selection and Matching under Performance-Based Contracting,” *Health Economics*, Vol. 12, 339-354, 2003 (with Mingshan Lu and Lasheng Yuan).
- “Moral Hazard, Insurance, and Some Collusion,” *Journal of Economic Behavior and Organization*, Vol. 50, 225-247, 2003 (with Ingela Alger).
- “Consistency in Performance Evaluation Reports and Medical Records,” *Journal of Mental Health Policy and Economics*, Vol. 5(4), 141-152, 2002 (with Mingshan Lu).
- “Monitoring and Enforcement in Federal Alcohol and Drug Abuse Block Grants,” *The Economics of Health Care Reform in Asia-Pacific Countries*, edited by Teh-Wei Hu and Chee-ruey Hsieh, Edward Elgar, UK, 2002, 257-270 (with Thomas G. McGuire and Yong Weng).
- “Network Incentives In Managed Health Care,” *Journal of Economics & Management Strategy*, Vol. 11, 1-35, 2002 (with Thomas G. McGuire).
- “Health Insurance, Moral Hazard, and Managed Care,” *Journal of Economics & Management Strategy*, Vol. 11, 81-107, 2002 (with Michael H. Riordan).
- “State Behavioral Health Expenditures and Organizational Structure,” *Administration and Policy in Mental Health*, Vol. 27, 91-111, 2000 (with Thomas McGuire and Elaine Flemming).
- “Investment Incentives of a Regulated Dominant Firm,” *Journal of Regulatory Economics*, Vol. 16, 215-235, 1999 (with Gary Biglaiser).
- “Introduction: The Industrial Organization of Health Care III,” *Journal of Economics & Management Strategy*, Vol. 8, 311-313, 1999 (with Thomas McGuire).
- “Incentivos en costes y calidad en la atencion sanitaria: una replica,” in *Incentivos y contratos en los servicios de salud*, Pere Ibern (editor), Springer-Verlag Iberica, 1999, 83-86 (translated from “Cost and Quality Incentive in Health Care: A Reply,” *Journal of Economics & Management Strategy*, 1998).
- “Sistemas de pago en sanidad: incentivos de coste y calidad,” in *Incentivos y contratos en los servicios de salud*, Pere Ibern (editor), Springer-Verlag Iberica, 1999, 63-82 (translated from “Health Care Payment Systems: Cost and Quality Incentives,” *Journal of Economics & Management Strategy*, 1994).
- “Incentius de cost i qualitat en l’assistencia sanitaria. Proveïdors altruistes,” in *La Contractacio de Serveis Sanitaris*, 65-80 and “Incentivos de coste y calidad en la asistencia sanitaria. Proveedores altruistas” in *Contractacio i compra de serveis sanitaris. L’experiencia comparada i el cas de Catalunya*, G. Lopez-Casasnovas (editor), Servei Catala de la Salut de la Generalitat de Catalunya, Barcelona, 1998 (“Cost and Quality Incentives in Health Care: Altruistic Providers”).

- “Cost and Incentives in a Behavioral Health Carve-out,” *Health Affairs*, Vol. 17, 53-69, 1998 (with Thomas McGuire).
- “Cost and Quality Incentive in Health Care: A Reply,” *Journal of Economics & Management Strategy*, Vol. 7, 139-142, 1998.
- “Option Contracts and Vertical Foreclosure,” *Journal of Economics & Management Strategy*, Vol. 6, 725-753, 1997.
- “Optimal Health Insurance and Provider Payment,” *American Economic Review*, Vol. 87, 685-704, September 1997 (with Thomas McGuire).
- “Introduction: The Industrial Organization of Health Care II,” *Journal of Economics & Management Strategy*, Vol. 6, 1-4, 1997 (with Thomas McGuire).
- “Regulating a Dominant Firm: Unknown Demand and Industry Structure,” *Rand Journal of Economics*, Vol. 26, 1-19, 1995 (with Gary Biglaiser).
- “Using Insights from Game Theory: Penalty Contracts and Monopolizing Strategies,” *Antitrust*, Vol. 9, 6-11, 1994 (with Joseph Brodley).
- “Health Care Payment Systems: Cost and Quality Incentives,” *Journal of Economics & Management Strategy*, Vol. 3, 93-112, 1994.
- “Renegotiation and Optimality in Agency Contracts,” *Review of Economic Studies*, Vol. 61, 109-129, 1994.
- “Paying for Joint Costs in Health Care,” *Journal of Economics & Management Strategy*, Vol. 2, 71-95, 1993 (with Thomas McGuire).
- “Bargaining with Deadlines and Imperfect Player Control,” *Econometrica*, Vol. 61, 1313-1339, 1993 (with Michael Manove).
- “Quality Competition, Welfare, and Regulation,” *Zeitschrift fur Nationalokonomie, Journal of Economics*, Vol. 58, 153-173, 1993 (with James Burgess).
- “Contract Penalties, Monopolizing Strategies and Antitrust Policy,” *Stanford Law Review*, Vol. 45, 1161-1213, May, 1993 (with Joseph Brodley).
- “A Signaling Theory of Unemployment,” *European Economic Review*, Vol. 37, 135-157, 1993 (with Andrew Weiss).
- “Adverse Selection in Dynamic Moral Hazard,” *Quarterly Journal of Economics*, Vol. 106, 255-275, 1991.
- “Efficient Allocation of a “Prize”—King Solomon’s Dilemma,” *GAMES and Economic Behavior*, Vol. 1, 222-233, 1989 (with Jacob Glazer).
- “Implementation in Dynamic Job Transfers,” *Economics Letters*, Vol. 28, 391-395, 1988.

“Unique Implementation of Incentive Contracts with Many Agents,” *Review of Economic Studies*, Vol. 55, 555-572, 1988. Reprinted in David Mortimort (ed.), *The Economic Theory of Incentives*, Volume I, Part II, Cheltenham, UK and Northampton, MA, USA; Edward Elgar Publishing, 2017, 853-869.

“Stopping Agents from ‘Cheating’,” *Journal of Economic Theory*, Vol. 46, 355-372, 1988 (with John Moore and Stephen Turnbull).

See <http://people.bu.edu/man> for working papers

Conference Presentations

“Externalities in Health Economics,”

Keynote Lecture at the XV Workshop of the German Economics Association, Cologne, November 2024.

“Vaccination Equilibrium: Externality and Efficiency,”

International Industrial Organization Conference, Boston, May 2024;

Keynote Lecture at the Annual Conference of the Taiwan Society of Health Economics, Taipei, December 2023.

“Externalities in Health Care: Vaccination Equilibrium and Antibiotic Resistance,”

Keynote Lecture at the 3rd Advanced Pharmaco & Health Economics Study and Research Center Workshop, Genova, June 2023.

“Equilibrium Information in Credence Goods,”

20th Annual International Industrial Organization Conference, Boston, May 2022.

“Changing Preferences: An Experiment and Estimation of Market-Incentive Effects on Altruism,”

Annual Meeting of the Austrian Economic Association, June 2021;

CEANA at ASSA, San Diego, January 2020;

89th Annual Meeting of the Southern Economic Association, Fort Lauderdale, November 2019;

9th Annual ZJU International Conference on Industrial Economics, Zhejiang University, Hangzhou, China, June 2019;

Tsinghua Conference on Behavioral, Experimental, and Theoretical Economics, Tsinghua University, Beijing, China, June 2019.

“Market Condition and Technology Adoption in Primary Care,”

Taiwan Economics Association Conference, December 2018.

“Selection, Quality, and Imperfect Competition,”

Special Organized Session on “Organization of Health Care Markets” in World Congress of the International Health Economics Association, Boston, July 2017.

“Competition and Altruism: A Laboratory Experiment,”

15th Annual International Industrial Organization Conference, Boston, April 2017.

“Experiments in Health Economics,”

Symposium of the Taiwan Society of Health Economics, December 2016.

“Product Differentiation with Multiple Qualities,”

14th Annual International Industrial Organization Conference, Philadelphia, April 2016.

“Information Acquisition, Referral, and Organization,”

13th Annual International Industrial Organization Conference, Boston, April 2015.

“Uterus at a Price: Disability Insurance and Hysterectomy,”

16th Annual International Industrial Organization Conference, Indianapolis, April 2018;

CEANA at ASSA, January, 2015.

- “Dream Good: Aesthetic, Image, and Placebo,”
Keynote lecture at the 15th European Health Economics Workshop, Lausanne, June 2014.
- “Organization of Healthcare Providers and Insurers,”
Plenary speaker at The Industrial Organization of Healthcare Workshop, Kaiser Permanente, Washington DC, November 2013.
- “The Organization of Health Care Services,”
Keynote lecture at the 34th Nordic Health Economists’ Study Group Meeting, Oslo, August 2013.
- “Pricing Health Insurance: Claims Experience and Premium Dynamics,”
Plenary speaker at “Conference: Insurance. Inequality, Health” Technische Universitat Darmstadt, Germany, June 2011.
- “Public Report, Price and Quality,”
9th Annual International Industrial Organization Conference, Boston, April 2011.
- “Gatekeeping and Access in Health Care,”
Workshop on Health Economics, HERO and HEB, Geilo, Norway, March 2011.
- “Health Insurance, Sequential Treatment, and Delegation to Altruistic Physician,”
Eighth World Congress of the International Health Economics Association, Toronto, July, 2011;
12th European Health Economics Workshop, Brescia, Italy, March 2011;
21st Annual Health Economics Conference, Lehigh University, October 2010.
- “Challenge and Reform in US Health Care,”
Seminars in Health Economics and Policy, Crans-Montana, Switzerland, February 2010;
Public lecture at Universidad Carlo III de Madrid, December 2009;
Two public lectures sponsored by Abbott Foundation, at the Ministry of Health, Madrid, October 2009.
- “Optimal Public Rationing and Price Response,”
XXIV Jornadas de Economia Industrial, Vigo, Spain, September 2009.
- “Market Conditions and General Practitioners’ Referrals,”
Workshop on Health Economics, HERO and HEB, Oslo, Norway, May 2009.
- “Health Economics in the Small, Medium and Large,”
Keynote Lecture of the 9th European Health Economics Workshop, Bergen, May 2008.
- “Public Sector Rationing and Private Sector Selection,”
CEANA at ASSA, San Francisco, January 2009;
4th Csef-Igier Symposium on Economics and Institutions, Capri, Italy, June 2008;
Health Economics and Policy, Crans-Montana, Switzerland, January 2008.
- “Subsidy Design and Asymmetric Information: Wealth versus Benefits,”
CEANA at ASSA, New Orleans, January 2008.
- “The Economics of Consumer Directed Health Care,”
Banff International Workshop on Health Care Financing, Alberta, September 2006.

- “Service Motives and Profit Incentives Among Physicians,”
iHEA at ASSA, New Orleans, January, 2008;
Workshop on Health Economics, HERO and HEB, Oslo, Norway, August 2006.
- “Asymmetric Information from Physician Agency: Optimal Payment and Healthcare Quantity,”
Inaugural Conference of the American Society of Health Economists, Madison, Wisconsin, June 2006.
- “Financial Incentives and Gaming in Alcohol Treatment,”
Eighth Mental Health Services Research Conference, NIMH, Washington DC, July 2005.
- “Altruism and Incentives in Public and Private Health Care,”
University of Manitoba Retreat Conference, October, 2008;
Yrjö Jahnsson Foundation 50th Anniversary Symposium on Incentives and Finance of the Health Care System, Helsinki, August 2004.
- “Managed Care and Shadow Price,”
Fourth World Congress of the International Health Economics Association, San Francisco, June 2003.
- “Consistency in Performance Evaluation Reports and Medical Records,”
Annual Research Conference, Academy of Health, Nashville, June 2003;
Fourth World Congress of the International Health Economics Association, San Francisco, June 2003;
Oslo Workshop on Health Economics, May 2003.
- “Moonlighting: Public Service and Private Practice,”
Csef-Igier Symposium on Economics and Institutions, Capri, Italy, June-July, 2005
First Annual Southeast Health Economics Study Group Conference, Charleston, South Carolina, November 2003
Second Canadian Health Economics Study Group Conference, Banff, July 2003;
Third European Health Economics Workshop, Marseille, France, November 2002.
- “Patient-Client Interactions and Quantity of Health Care Use,”
Workshop on Health Economics and Public Policy, University of Bergen, Norway, May 2002.
- “Public Rationing and Private Cost Incentives,”
Seventh Northeast Regional Health Economics Research Symposium, Newport, Rhode Island, August, 2000.
- “Price and Quality Competition under Adverse Selection: Market Organization and Efficiency,”
2000 Taipei International Conference on Industrial Economics, Taiwan, June 2000;
Game Theory Conference, City University of Hong Kong, June 2000.
- “Network Incentives in Managed Health Care”
Tenth Annual Health Economics Conference, Hass School of Business, University of California, Berkeley, April, 1999.
- “Cost and Quality Incentives in Health Care: Altruistic Providers,”
Sixth Northeast Regional Health Economics Research Symposium, Newport, Rhode Island, August, 1998.

- “Cost and Quality Incentives in Health Care,”
XVII Jornadas Economia de la Salud, Murcia, Spain, May, 1997.
- “Health Insurance, Moral Hazard, and Managed Care,”
Canadian Economic Theory Conference, Ottawa, May, 1998;
The Third Biennial Industrial Organization of Health Care Conference, Salem, Massachusetts, September 1997;
Conference on Physicians and the Changing Health Care Marketplace, the Institute of Government & Public Affairs, University of Illinois at Chicago, April 1997.
- “Cost and Incentives in a Mental Health and Substance Abuse Carve Out,”
The Eighth Biennial Research Conference on the Economics of Mental Health, Bethesda, Maryland, September 1996.
- “Option Contract and Vertical Foreclosure,”
Transition from Regulation to Competition in Network Industries, Montreal, October 1995;
The Economics of Mobile Communications, CREST/CEPR Workshop, Paris, June 1995.
- “Optimal Health Insurance and Provider Payment”
Sixth Annual Health Economics Conference, Ann Arbor, University of Michigan, June 1995;
Third Annual Northeast Regional Health Economics Research Symposium, Newport, Rhode Island, August, 1994.
- “Health Care Payment Systems: Cost and Quality Incentives,”
Industrial Organization of Health Care Conference at Osgood Hill Conference Center, Boston University, September 1993.
- “Regulating a Dominant Firm: Unknown Demands and Industry Structure,”
Tokyo Center of Economic Research International Summer Conference, Tateshina, Japan, June 1993;
First Annual Northeast Regional Health Economics Research Symposium, Newport, Rhode Island, September 1992.
- “Paying for Joint Costs in Health Care,”
NBER Summer Institute Health Economics Workshop, July 1992;
Third Annual Health Economics Workshop, School of Hygiene & Public Health, Johns Hopkins University, May 1992.
- “Quality Competition, Welfare, and Regulation,”
Management Science Group Symposium, Veterans Administrations, Bedford, Massachusetts, June 1991.
- “Renegotiation and Optimality in Agency Contracts,”
Stanford Institute of Economic Theory, August 1991;
Econometric Society North American Summer Meetings, Philadelphia, June 1991.
- “Bargaining with Deadlines and Imperfect Player Control,”
International Conference in Game Theory, State University of New York at Stony Brook, July 1990.

“Efficient Allocation of a ‘Prize’—King Solomon’s Dilemma,”
Econometric Society North American Winter Meetings, New York, December 1988.

“Adverse Selection in Dynamic Moral Hazard,”
Econometric Society North American Summer Meetings, Minneapolis, June 1988.

“Unique Implementation of Incentive Contracts with Many Agents,”
Econometric Society European Meetings, Copenhagen, August 1987.

Seminar Presentations

“Antibiotic Resistance, Drug Prices, and Entry,”

University of Hamburg, November 2024;
Chinese University of Hong Kong, October 2024;
Taiwan Society of Health Economics, October, 2024;
Academia Sinica, Taiwan, December 2023;
Hong Kong Baptist University, November, 2023;
National Sun Yat-Sen University, Kaohsiung, Taiwan, October 2023;
Monash University, September 2023;
University of Sydney, August 2023;
Bocconi University, Milan, June 2023,
University of Central Florida, March 2023.

“Equilibrium Information in Credence Goods,”

National Taiwan University, October, 2023;
University of New South Wales, September 2023;
University of Queensland, July 2023;
Queen’s University, Kingston, Ontario, October 2022;
Boston University, October 2022;
ENSAE-Ecole Polytechnic, CREST, Paris, September 2022;
Oslo Metropolitan University, September 2022;
Buffalo University, March 2022.

“Incentives, Markets, and Primary Care Technology Adoption,”

School of Economics, Peking University, June 2019.

“Changing Preferences: An Experiment and Estimation of Market-Incentive Effects on Altruism,”

University of Louisville, September 2019;
National Taiwan University, December 2018;
Boston University, November 2018.

“Product Differentiation with Multiple Qualities,”

Catholic University of Leuven, Belgium, April 2017;
Hong Kong University of Science and Technology, December 2016;
University of North Carolina, Chapel Hill, October 2016;
University of Oslo, August, 2016;
Boston University, April, 2016.

“Competition and Altruism: A Laboratory Experiment,”

Boston University, September 2015;
School of Economics, Management, and Statistics, University of Bologna, April 2015.

“Quality and Competition between Public and Private Firms,”

National Taiwan University, December 2016;
University of Hong Kong, December 2016;
Auburn University, Alabama, October 2016;
Helsinki Center of Economic Research, June 2015;
School of Economics, Management, and Statistics, University of Bologna, April 2015;
Boston University, March 2015.

- “Information Acquisition, Referral, and Organization,”
ETH Zurich (Swiss Federal Institute of Technology Zurich), October 2015;
University of Oslo, April 2014;
Boston University, March 2014;
Anti-trust Department, US Department of Justice, Washington DC, October 2013.
- “Uterus at a Price: Disability Insurance and Hysterectomy,”
Hong Kong Baptist University, December, 2018;
Indiana University—Purdue University Indianapolis, April 2018;
Paris School of Economic, December 2017;
Keio University, Tokyo, October 2017;
University of New South Wales, Sydney, October 2017;
University of Southern Denmark, Odense, September 2017;
University of Oslo Medical School, May 2017;
Heller School of Public Policy, Brandeis University, January 2017;
School of Economics, Management, and Statistics, University of Bologna, April 2015;
Queen’s Business School, Queen’s University, Ontario, May 2014.
Boston University, October 2013.
- “The Organization of Health Care Services,”
City University of Hong Kong, July 2013;
Chang Gung University, Taipei, June 2013.
- “Incentives for Motivated Experts in a Partnership,”
University of New South Wales, Sydney, October 2017;
University of Cologne, November 2014;
Lehigh University, March 2014;
Columbia University, February, 2014;
University of Quebec in Montreal, November 2013;
Boston University, April 2013.
- “Information Disclosure and the Equivalence of Prospective Payment and Cost Reimbursement,”
Frisch Centre, University of Oslo, May 2012;
Harvard University, February 2012.
- “Public Report, Price, and Quality,”
Carlos III University of Madrid, June 2012;
Duke University, August 2011;
University of Munich, June 2011;
Anti-trust Department, US Department of Justice, Washington DC, April 2011;
ENSAE, INSEE, Paris, March 2011;
City University of Hong Kong, February 2011.
- “Competition, Gatekeeping, and Access in Health Care,”
National Taiwan University, June 2013;
University of Duisburg-Essen, Germany, June 2013;
Stony Brook University, March 2013;
Indiana University Purdue University Indianapolis, November 2012;
Universidad Complutense de Madrid, June 2012;
Boston University, September 2011;
National Taiwan University, February 2011.

- “Health Care Reform in Massachusetts,”
 Economics Club Lecture, Boston University, April 2011;
 National Taiwan University, February 2011;
 Frisch Centre, Oslo, August 2010.
- “Health Insurance, Sequential Treatment, and Delegation to Altruistic Physician,”
 University of Lausanne, November 2010;
 Boston University, September 2010;
 Lund University, Sweden, August 2010;
 University of Oslo, August 2010;
 Harvard University, March 2010.
- “Optimal Public Rationing and Price Response,”
 Michigan State University, March 2010;
 University of Bern, Switzerland, November 2009;
 Universitat Autònoma de Barcelona, October 2009;
 Carlos III University of Madrid, September 2009.
- “Challenge and Reform in US Health Care,”
 Tufts University, March 2010;
 National Taiwan University, June 2009.
- “Market Conditions and General Practitioners’ Referrals,”
 University of Alicante, Spain, January 2010;
 Universidad Pablo de Olavide, Sevilla, Spain, December 2009;
 Universidade Nova de Lisboa, Portugal, November 2009;
 CEMFI, Madrid, November 2009;
 National Taiwan University, June 2009;
 Erasmus University, the Netherlands, March 2009;
 Boston University, March 2009.
- “Information, Experience Benefits, and Firm Organization,”
 Boston University, April 2009.
- “Public Sector Rationing and Private Sector Selection,”
 Tilburg University, the Netherlands, March 2009;
 Carleton University, Ottawa, October 2008;
 University of Iceland, August 2008;
 University of Auckland, New Zealand, August 2008;
 University of New South Wales, Australia, July 2008;
 University of Sydney, Australia, July 2008;
 University of Queensland, Australia, July 2008;
 Ragnar Frisch Centre for Economic Research, Oslo, May 2008;
 Harvard University, April 2008;
 Boston University, December 2007.
- “The Economics of Consumer Directed Health Care,”
 National Cheng Chi University, Taipei, June 2007.
- “Altruism and Incentives in Public and Private Health Care,”

University of Milan, March 2007.

“Service Motives and Profit Incentives Among Physicians,”
National Cheng Chi University, Taipei, June 2007;
University of Milan, March 2007;
Boston University, September 2006.

“Subsidy Design and Asymmetric Information: Wealth versus Benefit,”
University of Michigan, October 2007;
University of Bergen, August 2007;
University of Oslo, August 2007;
Chinese University of Hong Kong, June 2007;
National Taiwan University, Taipei, June 2007;
University of Liège, Belgium, March 2007;
Duke University, February 2007;
University of Lausanne, January 2007;
Boston University, December 2006;
Ragnar Frisch Centre for Economic Research, Oslo, August 2006.

“Consumer Learning and Dynamic Strategic Pricing,”
Boston University, April 2005;
University of Oslo, March 2005.

“Asymmetric Information from Physician Agency: Optimal Payment and Healthcare Quantity,”
Queen’s University, Kingston, Canada, November 2005;
Georgetown University, April 2005;
Universidade Nova de Lisboa, Portugal, April 2005;
Universitat Autònoma de Barcelona, Spain, April 2005;
University of North Carolina, Chapel Hill, March 2005;
University of Oslo, September 2004;
National Taiwan University, Taipei, Taiwan, June 2004.

“Moonlighting: Public Service and Private Practice,”
Danish Institute of Public Health, Copenhagen, May 2007;
Rotman School of Business, University of Toronto, Canada, April 2006;
Universite Cergy Pontoise, France, November 2005;
University of Tromsø, Norway, June 2005;
Universidad Pompeu Fabra, Barcelona, Spain, April 2005;
National Cheng-Chi University, Taipei, Taiwan, June 2004;
Social Science Research Center, Berlin, May 2004;
Public University of Navarra, Spain, March 2004;
Boston University, February 2004;
Department of Management and Strategy, Kellogg School of Management, Northwestern University, January 2004;
University of Maryland, College Park, December 2003.

“Financial Incentives and Gaming in Alcohol Treatment,”
Institute of Community Medicine, University of Tromsø, Norway, June 2005;
Health Economics Research Programme at the University of Oslo, March 2005;
Laboratoire d’Economie Industrielle, Centre de Recherche en Economic et Statistique (CREST), Paris, October 2003.

- “Consistency in Performance Evaluation Reports and Medical Records,”
 Laboratoire d’Economie Industrielle, Centre de Recherche en Economic et Statistique (CREST),
 Ecole Nationale de la Statistique et de l’Administration Economique (ENASE), Paris, April 2003;
 China Center for Economics Research, Peking University, March 2003;
 Faculty of Medicine, University of Hong Kong, March 2002.
- “Provider-Client Interactions and Quantity of Health Care Use,”
 DELTA, Paris, April 2003;
 Kyoto University, June 2002;
 National University of Taiwan, Taipei, February 2002.
- “Public Rationing and Private Cost Incentives,”
 Université de la Méditerranée, Marseille, France, November 2002;
 Duke University, September 2002;
 Boston College, September 2002;
 Keio University, June 2002;
 University of Hong Kong, October 2001;
 Hong Kong University of Science and Technology, September 2001;
 Laboratoire d’Economie Industrielle, Centre de Recherche en Economic et Statistique (CREST),
 Ecole Nationale de la Statistique et de l’Administration Economique (ENASE), Paris, May 2001;
 City University of Hong Kong, February, 2001;
 Indiana University Purdue University in Indiana, December 2000;
 University of Calgary, Alberta, Canada, October 2000.
- “Price and Quality Competition under Adverse Selection: Market Organization and Efficiency,”
 IDEA, University of Toulouse, France, May 2001;
 University of Pittsburgh, February 2001;
 Olin School of Business, Washington University in St. Louis, December 2000;
 Case Western Reserve University, December 2000;
 Department of Management and Strategy, Kellogg School of Management, Northwestern
 University, November 2000;
 School of Public Health, Harvard University, March 2000;
 University of Washington, Seattle, March 2000;
 University of British Columbia, March 2000.
- “Risk Selection and Matching under Performance-Based Contracting,”
 CEMFI, Madrid, Spain, April 2000;
 Institute of Economics, Academia Sinica, Taiwan, September 1999.
- “Moral Hazard, Insurance, and Some Collusion,”
 Vanderbilt University, Nashville, November 2000;
 Rice University, March 1999;
 Queen’s University, Kingston, Canada, November 1998;
 Boston University, September 1998;
 University of Munich, July 1998;
 University College, University of London, July 1998.
- “Network Incentives in Managed Health Care,”
 Regenstrief Health Care Research Institute, Indianapolis, December 2000;
 University of Western Ontario, December 1999;

Baylor Medical College, Houston, March 1999;
University of Calgary, Alberta, Canada, October 1998;
University College, University of London, June 1998.

“Health Insurance, Moral Hazard, and Managed Care,”
Tilburg University, Holland, April 1998;
Universitat Pompeu Fabra, Barcelona, Spain, May 1997;
Harvard University, April 1997;
University of North Carolina, Chapel Hill, April 1997.

“Costs and Incentives in a Mental Health and Substance Abuse Carve Out,”
Harvard Medical School, November 1996.

“Investment Incentives of a Regulated Dominant Firm,”
Boston University, November 1996;
Brown University, September 1996;
Institut d’Anàlisi Econòmica, Universitat de Autònoma de Barcelona, April 1996.

“Option Contracts and Vertical Foreclosure,”
University of Western Ontario, March 1996;
City University of Hong Kong, December 1995;
Hong Kong University of Science and Technology, December 1995;
Boston University, April 1995;
Indiana University at Bloomington, March 1995.

“Optimal Health Insurance and Provider Payment,”
University of Toronto, November 1995;
University of Montreal, October 1995.
School of Public Health, Johns Hopkins University, October 1994;
The Hebrew University in Jerusalem, Israel, June 1994;
School of Public Health, Harvard University, March 1994;
University of North Carolina at Chapel Hill, January 1994.

“Regulating a Dominant Firm: Unknown Demands and Industry Structure,”
University of California at Irvine, February 1994;
University of Western Ontario, February 1994;
Washington University, St. Louis, February 1994;
Hong Kong University of Science and Technology, May 1993;
Boston College, March 1993;
Boston University, February 1993.

“Paying for Joint Costs in Health Care,”
Boston University, September 1992.

“Contract Penalties, Monopolizing Strategies and Antitrust Policy,”
Boston University Law School, March 1992.

“Regulation, Quality Competition, and Price in the Hospital Industry,”
BU/MIT/Harvard Health Economics Seminar, February 1992.

“Renegotiations and Optimality in Agency Contracts,”

Brown University, March 1992;
Boston University, September 1991;
Northwestern University, May 1991.

“Bargaining with Deadlines and Random Delays,”
University of North Carolina at Chapel Hill, February 1992;
Pennsylvania State University, October 1991;
Massachusetts Institute of Technology, November 1990;
University of Basel, Switzerland, February 1990;
Ecole Polytechnique, Paris, January 1990;
University of Dortmund, Germany, January 1990;
University of Tilburg, Holland, January 1990;
University of Bonn, Germany, December 1989;
Boston University, October 1989;
Harvard University, October 1989.

“Efficient Allocation of a ‘Prize’-- King Solomon’s Dilemma,”
Kennedy School of Government, Harvard University, October 1988;
Graduate School of Business, Harvard University, October 1988.

“Adverse Selection in Dynamic Moral Hazard,”
Pennsylvania State University, September 1988;
Boston University, July, October 1988.

“Unique Implementation of Incentive Contracts with Many Agents,”
University of Western Ontario, March 1988;
University of Pennsylvania, February 1988;
Bell Communications Research, November 1987;
Harvard University, October 1987;
Boston University, September 1987.