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Summary

Rodrigo Harrison is Associate Professor of Economics at the Business School, Universidad Adolfo Ibañez, Chile. Before this position he was Associate Professor of Economics at FIC-UAI and at Pontificia Universidad Católica de Chile.

His research has been focused on the field of game theory and its applications in industrial economics and market design, and it has been published in specialized journals including *International Economic Review*, *Journal of Mathematical Economics*, *Journal of Behavioral and Experimental Economics*, *Economic Inquiry*, *Economic Theory*, and *Transplantation Proceedings*. Besides his theoretical work, he has devoted efforts to participate in interdisciplinary research groups to attack problems in areas such as “Law and Competition Policy”, “Organ Transplantation”, “Firm’s Strategies” and currently “QALY and COVID-19”. In particular, their research in organ transplantation has served as the basis of major institutional changes in Chile and directly influenced recent law reforms.

In terms of his professional activities, he has been a permanent consultant in antitrust, regulation, auctions and strategic design, and other issues in industrial organization; both for private and public institutions. Also, several times I have been requested to attend as an expert witness to the Antitrust Court of Chile, expert in telecommunication regulatory process, and in other arbitration issues. It is worth to mention that Mr. Harrison is currently Member of the Board of Bolsa de Productos S.A., and he was Board Member of Centro de Libre Competencia (Escuela de Derecho Pontificia Universidad Católica de Chile), Member of the International Network on Expectational Coordination and Member of the Board (alternate) of FASA S.A. He has been nominated, in the *Global Competition Review*, as Leading Competition Economist, years, 2013, 2014, 2015, 2016, 2020 and 2021.

I. Professional Services and Experience

1. Consulting: Regulation, Antitrust, Auction & Market Design and Strategy.
2. Expert Testimony in Courts.
3. Selected and Illustrative Cases by Topic:
 - a. Auctions Design: analysis and advice to clients on market design.
Selected cases: SIGENEM (advising in auction and institutional design, case a at Chilean Antitrust Court) Lota Protein S.A. (advising in fishing quota allocations and expert testimony for case a at Chilean Antitrust Court); Sonda S.A. (advising in procurement auctions for case a at Chilean Antitrust Court); Chilean Ministry of Finance (advising in tax resource allocation); Chilean Ministry of Education (auction design); Chilean Gambling Commission (advising in auction design).
 - b. Regulation Issues: analysis and advice to clients on regulatory issues and tariffs design.
Selected cases: AMSA, Port Terminal of Arica, TPA S.A. (competitiveness analysis of port tariffs); ECONSSA S.A. (Analysis of concession system); VTR S.A. (mobile access charge analysis); Enap S.A. (tariffs design).
 - c. Cartels & Damages: analysis and advice to clients on nature and size of affected markets as well as on likely and actual effects in cartel investigations and inquiries by the Chilean competition authorities.
Selected cases: Biosano Labs. (analysis of damages in cartel case at Chilean Competition Tribunal) Chilean Advertisement Agencies Association (analysis of the industry and expert testimony for Chilean Antitrust Court); Chilean Criminal Prosecutor (advising in antitrust criminal cases); Confidential Client (analysis of damages in cartel case at Chilean Competition Tribunal)
 - d. Mergers: economic analysis and advice to clients in connection with merger inquiries by the Chilean competition authorities.
Selected cases: Preventive Analysis of mergers for plastic, food and metal industries (confidential clients).
 - e. Abusive behavior: analysis and advice to clients on market definition, pricing and non-pricing strategies in connection with abuse of dominant position and inquiries by the Chilean competition authorities.
Selected cases: Iron-Mountain & Storbox (advising in abuse of dominance and expert testimony for case number AE 06-13 at Chilean Competition Tribunal), Confidential client (margin squeeze case at Chilean Competition Tribunal).
 - f. Industrial Organization & Strategy: analysis and advice to clients on market structure, conduct, and performance in connection with policy evaluation and efficiency issues.

Selected cases: SOCOFAR, Novo Nordisk, CAP, AMSA, ASILFA A.G. (Industrial Organization Analysis), Chilean Superintendence of Banks and Financial Institutions (analysis of competition in network banking industry)

Clients:

Antofagasta Minerals, Novo Nordisk, Socofar, CAP, BID-Ikons, Corfo, Sofofa, Bolsa Electrónica de Chile, Dirección de Presupuesto Gobierno de Chile, ASILFA A.G., Ministerio de Salud, BBVA S.A., Coordinador Eléctrico Nacional, I.D.B. Washington DC. , Chileactores A.G., Soc. Concesionaria Nuevo Pudahuel S.A., FCAB,S.A., Gasco S.A., Derco S.A., Salmag S.A., Sonacol S.A., Viña Concha y Toro S.A., Team Foods, Masisa S.A., Megalux, ENAP S.A., Ministerio Público, Canal 13, Lota Protein S.A., Vinilit S.A., Superintendencia de Bancos en Instituciones Financieras (SBIF), VTR S.A. Ministerio de Hacienda, Sonda S.A., Polla S.A., Iron Mountain, Sanofi-Aventis, ENAP S.A., CAP S.A., Ministerio de Educación, SUBTEL, Lota Protein S.A., Superintendencia de Casinos, Econssa S.A., ACHAP, Asociación de AFP, Ariztia S.A., Soprodu S.A., Fiscalía Nacional Económica, Ministerio de Economía, EFE, Junta Aeronáutica Civil, Sernatur, Entel, Movistar, Conama, BHP Billiton, World Bank, Superintendencia de Servicios Sanitarios.

II. Education

- Ph. D. in Economics, *with distinction*. Georgetown University (2003).
- M.A. in Economics. Ilades-Georgetown University (2000).
- M.Sc. in Engineering. Universidad Santa María (1995).
- Industrial Engineer. Universidad Santa María (1993).
- B. Sc. In Physics, Universidad Santa María (1991).

III. Current Academic Position

- (2021-present) Associate Professor of Economics, Business School Universidad Adolfo Ibañez, Chile.

IV. Past Academic Positions

- (2019-2021) Associate Professor of Economics, Facultad de Ingeniería y Ciencias, Universidad Adolfo Ibañez, Chile.
- (2019-2021) Director of Industrial Engineering.
- (2019-2021) Chair of the Master in Economic Regulation.
- (2016-2019) Associate Professor, Instituto de Economía, Pontificia Universidad Católica de Chile.
- (2009-2016) Assistant Professor, Instituto de Economía, Pontificia Universidad Católica de Chile.
- (2004-2009) Adjunct Assistant Professor, Instituto de Economía, Pontificia Universidad Católica de Chile.
- (2003-2004) Assistant Professor, Departamento de Industrias, Universidad Técnica Federico Santa María.
- (1995-1998) Lecturer, Departamento de Industrias, Universidad Técnica Federico Santa María.

V. Teaching Experience

- Industrial Organization and Microeconomics (Graduate and Undergraduate level).
- Game Theory and Applications (Graduate and Undergraduate level).
- Quantitative Methods and Managerial Economics (MBA level).
- Regulation and Competition Policy (Graduate and Executive Education level)

VI. Research Interest

- Industrial Organization and Public Policy
- Strategy, Game Theory and Market Design
- Health Economics
- Climate Change and Global Commons

VII. Published Papers

- “Global Games with Strategic Substitutes” with P. Jara-Moroni. *International Economic Review*, Vol. 62, N^o1 2021.
- “A Game Theoretic analysis of Voluntary Euthanasia and Physician Assisted Suicide” with F. Silva. *Economic Inquiry*. Volume 58, Issue 2, April 2020, Pages

745-763.

- “Modelling Reciprocity & Trust Using Personality Traits” with N. Abarca, R. Guzmán, and M. G. Villena. *Journal of Behavioral and Experimental Economic. Volume 84, January 2020.*
- “A Discrete Model of Market Interaction in the Presence of Social Networks and Price Discrimination” with G. Hernández and R. Muñoz. *Mathematical Social Sciences. Volume 102, November 2019, Pages 48-58.*
- “Tipping Points and Business-as-Usual in a Global Carbon Commons” with R. Lagunoff. *Journal of Economics Behavior and Organization. Volume 163, July 2019, Pages 386-408.*
- “Interdependent Preferences and Endogenous Reciprocity” with J. Carrasco and M.G. Villena. *Journal of Behavioral and Experimental Economics. Volume 76, October 2018, Pages 68-75.*
- “Sharing One, Keeping One Policy for Kidney Allocation Increases Inequity in Kidney. Transplantation” with J. Domínguez and M.F. Benavides. *Transplantation. Volume 76, July 2018, Vol. 102 S-1 Supplement 7.*
- “Dynamic Mechanism Design for a Global Commons” with R. Lagunoff. *International Economic Review. Volume 58, Issue 3, 2017, Pages 751-782.*
- “A Dominance Solvable Global Game with Strategic Substitutes” with P. Jara-Moroni. *Journal of Mathematical Economics. Volume 57, March 2015, Pages 1-11.*
- “Network Structure in a Link Formation Game: An Experimental Study”, with A. Elbittar and R. Muñoz. *Economic Inquiry, Volume 52, Issue 4, October 2014, Pages 1341-1363.*
- “Cost-effectiveness of Policies Aimed at Increasing Organ Donation, the Case of Chile”, with R. Atal, L. Larraín and J. Domínguez. *Transplantation Proceedings, Vol. 45, Issue 10, 2013, Pages 3711-3715.*
- “A New Kidney Allocation Policy in Chile. Computer Based Simulation”, with R. Atal, Francisco Muñoz and J. Domínguez. *Transplantation Proceedings, Vol. 45, Issue 4, May 2013, Pages 1313-1315.*
- “Institutional Design for Concessions”, with R. Muñoz and J. M. Sánchez. *The*

Network Industries Quarterly, Vol 15, Issue 1, 2013, Pages 3-5.

- “Effectiveness of Different Kidney Exchange Mechanisms on Improving Living Donor Transplantation”, with D. Contreras and J. Dominguez. *Transplantation Proceedings, Vol. 43, Issue 6, July/August 2011, Pages 2283-2287.*
- “Cost-Benefit Estimation of Cadaveric Kidney Transplantation, the Case of a Developing Country”, with R. Atal and J. Dominguez. *Transplantation Proceedings, Vol. 43, Issue 6, July/August 2011, Pages 2300-2304.*
- “Stability and Equilibrium Selection in a Link Formation Game”, with R. Muñoz. *Economic Theory, Vol. 37, 2008, Pages 335-345.*
- “Economic Impact of the Open Skies Agreement Policy in Chile” (in Spanish), with M.J. Villena and M.G. Villena. *Revista de Análisis Económico, Vol. 23, 2008.*
- “Social Connections and Access Charges in Networks”, with G. Hernandez y R. Muñoz (2006). *Lectures Notes in Computer Sciences Vol. 3993, 2006, Pages 1091-1097.*

VIII. Chapters in Books

- “Evaluación del Sistema de trasplante en Chile: Propuestas de Intervención”, (2017). Case 7 in I. Irarrázaval, E. Piña y M. Letelier, editors. *Quehacer Académico y Políticas Públicas. Evaluación 10 años del Concurso de Políticas Públicas.* Centro UC de Políticas Pública; p. 64-65.
- “Learning (and Evolution) of Social Norms”, with M.G. Villena (2012) *Encyclopedia of the Sciences of Learning.* Seel, Norbert M. (Ed.) (2012). Springer Verlag.
- “Política de Competencia en Procesos de Licitación de Bienes y Recursos”, with R. Muñoz, (2011). Chapter in *Libro Bicentenario de la Libre Competencia.* Edited by TDLC.
- “Evaluación del Sistema de Trasplantes en Chile, Propuestas de Intervención”, with R. Atal, J. Dominguez, D. Contreras y L. Larraín. (2010). Chapter 1 in *Camino al Bicentenario: propuestas para Chile. V Concurso de Políticas Públicas, P.U.C.*
- “Políticas de Asignación de Espectro en Chile: Diagnóstico Actual y Posibilidades Futuras”, with R. Muñoz, (2009). Chapter in *Regulación y Convergencia en*

Telecomunicaciones. Edited by Chilean National Regulator in Telecommunications, SUBTEL.

IX. Working Papers

- “Costly Multi-Unit Search”, with J.A. Carrasco, 2021.
- “Carbon Consumption, the Carbon-Based Ecosystem, and Output” with C. Figueroa, M. Miranda and R. Lagunoff, revised 2021.
- “Efficient Entry in Cournot Games”, with Pedro Jara-Moroni. Work in Progress, 2021.
- “On the Design and Performance of the Chilean Pension Auction Model” with M. Parada and M.J. Villena, revised 2020.
- “Peer Effects, Reciprocity and Equilibrium Preferences” with A. Carrasco and M. G. Villena, revised 2021.
- “The Impact of Vertical Integration and Concentration in Pharmaceutical Competition” with R. Peña and M.J. Villena, 2020.
- “Efficient Entry in Cournot Games”, with Pedro Jara-Moroni. Work in Progress, 2021.
- “Rivalry on one side of a platform and its welfare implications” with R. Muñoz and R. Yañez, 2019.
- “Institutional Design in Public Services Concessions: Ports, Water and Public Works in Chile: Learning from the 20 Years of Experience” with J. Carrasco, R. Muñoz and J. M. Sánchez, 2018.