

# Curriculum Vitae



## Pablo T. Spiller

BERKELEY RESEARCH GROUP, LLC  
810 Seventh Avenue, Suite 4100 | New York, NY 10019

Direct: +1.510.325.7570  
[pspiller@thinkbrg.com](mailto:pspiller@thinkbrg.com)

## SUMMARY

Professor Spiller has offered testimony and consulted on over 180 litigation and international arbitration cases in a variety of sectors across the world.

He has offered opinions in both contractual and treaty disputes on topics including regulatory issues, contract interpretation, and damages. He has testified in jurisdictions including ICSID, ICC, LCIA, and AAA. He has consulted extensively with the World Bank, United Nations, Inter-American Development Bank, private companies, and governments.

Prof. Spiller is the Jeffrey A. Jacobs Distinguished Professor Emeritus of Business and Technology and a professor of graduate studies at the University of California, Berkeley Haas School of Business. He was a professor of economics at the University of Pennsylvania and University of Illinois, a senior research fellow at Stanford University's Hoover Institution, and a research associate at the National Bureau of Economic Research. He is the former president of the International Society for New Institutional Economics and was an elected member of the board of directors of the American Law & Economics Association. He received his PhD at the University of Chicago. He is also the former president and a current member of the board of ReachingU – A Foundation for Uruguay.

Prof. Spiller has published ten books and more than one hundred academic articles on regulatory, antitrust, and institutional issues. He was the editor-in-chief and associate editor of the *Journal of Law, Economics, and Organization* for nineteen years and has held editorial appointments at a variety of academic journals. He was also chair of the Business and Public Policy group at the University of California, Berkeley and served as special advisor to the director at the Bureau of Economics of the US Federal Trade Commission.

## EDUCATION

Ph.D.	Economics, University of Chicago, 1980
M.A.	Economics, University of Chicago, 1977
M.A.	Economics (cum laude), Hebrew University in Jerusalem, 1976
B.A.	Economics (cum laude), Hebrew University in Jerusalem, 1974
B.A.	Economics and Business Administration, Universidad de la República (Uruguay), 1972

## PRESENT EMPLOYMENT

Berkeley Research Group  
2024 – Present: Managing Director

## PREVIOUS CONSULTING POSITIONS

Compass Lexecon  
2011 – 2024: Senior Consultant

LECG  
1993 – 2011: Director, Co-Chair of International Arbitration practice.

## PROFESSIONAL EXPERIENCE

### I. INTERNATIONAL ARBITRATION AND CONTRACTUAL DISPUTES

2024 - **Ports:** Confidential: Expert testimony in a LCIA shareholders' dispute concerning the proper implementation of a contract following the taking of a port concession in Djibouti.

2023 - **Telecommunications:** Confidential: Expert advice (Claimant) involving the renewal of a wireless license in a Latin American country.

2023 - **Mining:** Confidential: Expert testimony (Claimant) in an ICSID involving investments in the mining sector in Peru.

2023 - **Financial Sector:** *Banreal Holding S.L. v Venezuela*, PCA No. 2023-32. Expert testimony (Claimant) involving investment in the banking and industrial sector in Venezuela.

2022 - **Oil:** *Worth Capital Holdings 27 LLC, v Peru*, ICSID No. ARB/20/51. Expert testimony (Claimant) in an ICSID arbitration regarding the expropriation of an oil production and refining project in Peru.

2022 - **Mining:** Confidential: Expert testimony in a HKIAC shareholding dispute involving investments in a polymetallic mining and processing project in the Republic of Congo.

2022 - **Construction:** Confidential: Expert testimony in an ICC construction dispute involving a project in Mexico.

2021 - **Electricity:** *RWE AG, RWE Eemshaven Holding II B.V.*, ICSID ARB/21/4, Expert testimony (Claimant) in an ICSID dispute involving investments in a coal power plant in the Netherlands.

2021 - **Aerospace:** *Du Tao et al v Ukraine*, PCA Case No 2021-22, Expert testimony (Claimant) in a Treaty dispute involving investment in an aircraft engine manufacturing company in the Ukraine.

2021 - **Electricity:** *RWE Eemshaven Holding II B.V. v Kingdom of the Netherlands*, Expert testimony (Respondent) in Dutch courts involving the alleged closing requirement of a coal power plant in the Netherlands.

2021 - **Ports:** *DP World Ltd v Belgium*, ICSID No. ARB/17/21, Expert testimony (Claimant) in an ICSID dispute involving a port operation concession in Belgium.

2021 - **Oil:** Confidential: Expert testimony in a LCIA dispute involving the interpretation of a contract termination clause in oil trading, in Africa.

2020 - **Construction:** Confidential: Expert testimony in an ICC dispute involving the construction of a power plant in Peru.

2020 - **Ports:** *Havana Docks Corp, v Carnival Corp/MSC Cruises/Norwegian Cruise Line/Royal Caribbean Cruises (CASE NO. 19-cv-21724-BLOOM/McAliley/ Case No. 1:19-cv-23588-BLOOM/Louis/ Case No. 19-23591-CIV-BLOOM/Louis/ CASE NO. 19-cv-23590-BLOOM/LOUIS).* Expert testimony (Respondents) in a consolidated dispute involving the application of the Cuban Liberty and Democratic Solidarity Act to a Cruise port in Cuba.

2020 - **Mining:** *SMM Cerro v Freeport-McMoRan Inc. v. Republic of Peru ICSID Case No. ARB/20/8erde Netherlands B.V v Peru, ICSID ARB/20/14.* Expert testimony (Claimant) in an ICSID arbitration involving investments in mining in Perú.

2020 - **Mining:** *Freeport-McMoRan Inc. v. Peru, ICSID Case No. ARB/20/8.* Expert testimony (Claimant) in an ICSID arbitration involving investments in mining in Perú.

2020 - **Electricity:** Confidential: Expert testimony in an ICC arbitration involving investment in electricity in Mexico.

2019 - **Mining:** *Odyssey Marine Exploration v Mexico, ICSID No UNCT/20/1,* Expert testimony (Claimant) in a NAFTA/ICSID arbitration involving investments in off-shore mining in Mexico.

2019 - **Energy:** *Alicia Grace et al v Mexico, ICSID No UNCT/18/4.* Expert testimony (Claimant) in an ICSID/NAFTA arbitration involving investments in offshore oil field services in Mexico.

2019 - **Manufacturing:** Confidential: Expert testimony involving a commercial dispute concerning a technology licensing agreement in the welding electrodes sector in Peru.

2019 - **Construction:** Confidential: Expert testimony in a dispute arising from the nonpayment of a construction contract by Ecuador and the ban on participating in public tenders that followed.

2019 - **Construction:** Confidential: Expert testimony in a commercial arbitration involving the assessment of damages as a result of a hydroelectric plant's facilities collapse in Panama.

2019 - **Manufacturing:** *Schindler Holding AG v. The Republic of Korea, PCA No. 2019-44,* Expert testimony (Claimant) in an ICSID arbitration involving investments in manufacturing industries in South Korea.

2019 - **Renewable Energy:** *Ojeocan Management Ltd. v the Republic of Poland, SCC Case No. 2017/200.* Expert testimony (Claimant) in an Energy Charter arbitration involving investments in construction and operation of renewable energy projects in Poland.

2018 - **Construction:** *Odebrecht Latininvest S.A.R.L. v. Peru, ICSID No ARB/20/4*, Expert testimony (Claimant) in an ICSID arbitration involving investments in the construction industry in Peru.

2018 - **Gold:** Confidential: Expert advice on involving investments in a gold mine in Argentina/Chile.

2018 - **Aviation:** *Abed El Jaouni v. Lebanon, ICSID Case No. ARB/15/3*. Expert testimony (Claimant) in an ICSID arbitration involving investments in the aviation sector in Lebanon.

2018 - **Textiles:** *Bursel Tekstil Sanayi Ve Diş Ticaret A.Ş., Burhan Enuştekin and Selim Kaptanoğlu v. Republic of Uzbekistan, ICSID Case No. ARB/17/24*: Expert testimony (Claimant) in an ICSID arbitration involving investments in the textile industry in Uzbekistan.

2018 - **Telecommunications:** Confidential: Expert advice involving investments in telecommunications in Israel.

2018 - **Energy:** Confidential: Expert advice in a shareholders' dispute in the energy sector in Brazil.

2018 - **Ports:** Confidential: Expert testimony in a commercial arbitration involving port investments in Djibouti.

2018 - **Energy:** Confidential: Expert advice in an ICC arbitration involving the energy sector in Peru.

2017 - **Mining:** *Glencore International A.G. and C.I. Prodeco S.A. v. Colombia, ICSID No. ARB/16/6*: Expert testimony (Claimant) in an ICSID arbitration involving coal investments in Colombia.

2017 - **Renewable Energy:** Confidential: Expert advice involving investments in a renewable energy project in Poland.

2017 - **Information infrastructure:** Confidential: Expert testimony in a contractual dispute involving an acquisition in an information infrastructure operator in Brazil.

2017 - **Pharmaceutical:** Confidential: Expert testimony in a contractual dispute involving investments in the pharmaceutical industry in Mexico.

2017 - **Renewable Energy:** Confidential: Expert advice involving investments in a renewable energy claim in Spain.

2017 - **Renewable Energy:** Confidential: Expert advice involving investments in the renewable energy sector in Spain.

2017 - **Telecommunications:** *Global Telecom Holding S.A.E v Canada, ICSID No. ARB/16/16*: Expert testimony (Claimant) in ICSID arbitration regarding expropriation of investments in wireless telecommunication in Canada.

2017 - **Gold:** *Gabriel Resources Ltd. and Gabriel Resources (Jersey) Ltd. v. Romania, ICSID Case No. ARB/15/31*, Expert testimony (Claimant) in ICSID arbitration regarding expropriation of investments in a gold mine in Romania.

2016 - **Gold:** *AngloGold Ashanti (Ghana) v Ghana, ICSID No RB/16/15*, Expert testimony (Claimant) in an ICSID arbitration regarding lack of state security protection in Ghana.

2016 **Telecommunications:** *America Móvil SAB de CV v Colombia, ICSID ARB(AF)/16/5*, Expert testimony in an ICSID arbitration involving investments in the telecommunications industry in Colombia.

2016 - **Telecommunications:** Confidential: Expert testimony in an LCIA arbitration regarding a shareholders' dispute involving a telecommunications company in Kazakhstan.

2016 - **Telecommunications:** Confidential: Expert advice in a NAFTA arbitration regarding investments in the telecommunications sector in Mexico.

2016 - **Renewable Energy:** *Sevilla Beheer B.V. v Spain, ICSID ARB/16/27*, Expert testimony (Claimant) in an ICSID arbitration involving investments in the renewable energy sector in Spain.

2016 - **Food Distribution and Retail:** *Luis Garcia Armas v Venezuela, ARB(AF)/16/1*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by Spanish investors in the food distribution and retail sector in Venezuela.

2016 - **Renewable Energy:** *Amlyn Holding V.V v Croatia, ICSID ARB/16/28*, Expert testimony (Claimant) in an ICSID arbitration involving investments in the renewable energy sector in Croatia.

2016 - **Energy:** Confidential: Expert testimony in a IACAC arbitration regarding the terms of a crude oil service contract purchase in Peru.

2016 - **Telecommunications:** Confidential: Expert advice in an arbitration regarding a mobile telecommunications operator in Canada.

2016 - **Gaming:** Confidential: Expert advise in NAFTA arbitration regarding investments in gaming facilities in Mexico.

2016 - **Telecommunications:** Confidential: Expert advice on damages to a telecommunications company from imposition of license restrictions in Iraq.

2016 - **Media:** Confidential: Valuation of damages from manipulation of sport TV distribution rights worldwide.

2015 - **Renewable Energy:** *Natland Investment Group et. al v the Czech Republic, PCA No. 2013-35; ICW Europe Investments v the Czech Republic, PCA No.2014-22, Photovoltaik Knopf Betriebs v the Czech Republic, PCA No. 2014-21, Voltaic Network GmbH v the Czech Republic, PCA No. 2014-20, WA Investments-Europa Nova Limited v the Czech Republic, PCA No. 2014-19*. Expert testimony

(Claimants) in various ICSID arbitrations regarding investments in the renewable energy sector in the Czech Republic.

- 2015 - **Renewable Energy:** *Hydro Energy v Spain, ICSID ARB/15/42*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in the renewable energy sector in Spain.
- 2015 - **Energy:** *Ecuador TLC S.A., et al v Ecuador and Petroecuador, PCA No 2014-32*: Expert testimony (Claimant) in a treaty arbitration regarding damages arising from the termination of crude oil operational and participation contracts in Ecuador.
- 2015 - **Ports:** Confidential: Expert testimony in a contractual dispute in the London High Court involving the termination of port concession in Djibouti.
- 2015 - **Energy:** Confidential: Expert advice in an ICSID arbitration regarding investments in offshore natural gas in Israel.
- 2015 - **Finance:** Confidential: Expert testimony in an ICC arbitration involving a shareholding dispute in a conglomerate in Kuwait.
- 2014 - **Energy:** *MOL Hungarian Oil and Gas v Croatia, ICSID Case No. ARB/13/32*; Expert testimony (Claimant) in an ICSID arbitration involving investments in the energy sector in Croatia.
- 2014 - **Energy:** *Croatia v MOL Hungarian Oil and Gas, PCA No. 2014-15*, Expert testimony (Respondent) in a UNCITRAL arbitration involving investments in the energy sector in Croatia.
- 2014 - **Renewable Energy:** *NextEra Energy Spain Holdings B.V., ICSID No. ARB/14/11*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in the renewable energy sector in Spain.
- 2014 - **Renewable Energy:** *RWE Innogy GmbH et al v Spain, ICSID ARB/14/34*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in the renewable energy sector in Spain.
- 2013 - **Food Products:** *Valores Mundiales, S.L. and Consorcio Andino S.L v Venezuela, ICSID ARB/13/11*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by Mexican investors in the food processing sector in Venezuela.
- 2013 - **Meat Processing:** *Georg Gavrilović and Gavrilović d.o.o. v Croatia, ICSID ARB/12/39*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by Austrian investors in the meat processing sector in Croatia.
- 2013 - **Financial Services:** *Ping An v Belgium, ICSID ARB/12/29*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by a Chinese investor in the financial sector in Belgium.
- 2013 - **Port Services:** *Omar Al Sharif v Egypt, ICSID ARB/13/3*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by a Jordanian investor in a liquids port in the Mediterranean coast of Egypt.

2013 - **Port Services:** *Omar Al Sharif v Egypt, ICSID ARB/13/4*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by a Jordanian investor in a liquids port in the Red Sea, in Egypt.

2013 - **Logistics:** *Omar Al Sharif v Egypt, ICSID ARB/13/5*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by a Jordanian investor in Egypt.

2013 - **Telecommunications:** Confidential: Expert advice in an ICSID arbitration regarding investments by a Luxembourg investor in Algeria.

2013 - **Construction:** Confidential: Expert testimony in a commercial arbitration regarding construction of a hydroelectric dam in Panama.

2012 - **Food Products:** *Vincent J. Ryan et al v Poland, ICSID No. ARB(AF)/11/3*, Expert testimony (Respondent) in an ICSID arbitration regarding investments by US investors in a food company in Poland.

2012 - **Energy:** *Repsol, S.A. and Repsol Butano, S.A. v Argentina, ICSID No. ARB/12/38*, Expert testimony (Claimant) in an ICSID arbitration regarding investments by a Spanish investor in an integrated energy company in Argentina.

2012 - **Ceramics:** *Saint Gobain / NorPro / Saint Gobain Performance Plastics v Venezuela, ICSID ARB/12/13*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in a ceramic proppant plant in Venezuela.

2012 - **Electricity:** Confidential: Expert advice in a dispute involving lack of tariff pass-through for an electricity distribution company in Argentina.

2012 - **Electricity:** Confidential: Expert advice in a dispute involving lack of payment for electricity sales by an electricity generation company in Argentina.

2012 - **Cement:** Confidential: Expert testimony in an ICC arbitration involving a shareholders' dispute in a cement company in Bolivia.

2012 - **Electricity:** Confidential: Expert advisory role in a dispute concerning the lack of pass-through to tariffs of increases in costs faced by a regulated electricity distributor located in Argentina.

2012 - **Electricity:** Confidential: Expert advisory role in a dispute concerning the lack of payments of electricity sales by a power generator located in Argentina.

2012 - **Fertilizers:** Confidential: Expert advice in an ICSID arbitration regarding investments in a fertilizer plant in Venezuela.

2012 - **Ports:** *DP World v Peru, ICSID ARB/11/21*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in port facilities in Peru.

2012 - **Luxury goods:** Confidential: Expert advice in a shareholder dispute in the luxury watch industry.

2011 - **Tourism:** Confidential: Expert advice in an ICSID arbitration regarding investments in the casino/hospitality sector in Hungary.

2011 - **Iron Manufacturing:** *Tenaris S.A. (Luxembourg company) and Talta - Trading e-Marketing Sociedade Unipessoal Lda (Portuguese company) v Venezuela, ICSID No. ARB/11/26*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in iron manufacturing in Venezuela.

2011 - **Methanol:** Confidential: Expert testimony in an ICC arbitration regarding a shareholder dispute in a methanol company in Trinidad Tobago.

2011 - **Finance:** Confidential, Expert advice in a UK based litigation regarding value of inflation adjusted bonds.

2011 - **Natural Gas Transportation:** *Ponderosa Assets LP and Enron Creditors Recovery Corporation v Argentina, ICSID No. ARB/01/3*, Expert testimony (Claimant) in an ICSID arbitration regarding investments in natural gas transportation in Argentina.

2011 - **Telecommunications:** Confidential, Expert advice in a dispute involving a leverage buy out cancellation in the Telecommunications sector in Canada.

2011 - **Natural Gas:** *Sempra Energy v Argentina, ICSID ARB/02/16*, Expert testimony (Claimant) in ICSID arbitration regarding investments in natural gas distribution in Argentina.

2011 - **Water:** Confidential Expert advice in a commercial arbitration involving a water and sewage company in Hungary.

2011 - **Gold:** *Crystalllex v Venezuela, ICSID No. ARB(AF)/11/2*, Expert testimony (Claimant) in ICSID arbitration regarding expropriation of investments in a gold mine in Venezuela.

2011 - **Cement:** *Cemex S.A. v Venezuela, ICSID No. ARB/08/15*, Expert testimony in ICSID arbitration regarding expropriation of investments in cement production facilities in Venezuela.

2010 - **Airports:** Confidential, Expert advice in an arbitration related to investment in an airport concession contract in Bolivia.

2010 - **Pharmaceuticals:** *Les Laboratoires Servier, Biofarma, and Arts et Techniques du Progres v Poland, UNCITRAL*, Expert testimony (Respondent) in an arbitration regarding alleged investment treaty violations in the pharmaceutical industry in Poland.

2010 - **Railroads:** *Railroad Development Corporation v Guatemala, ICSID ARB/07/03*, Expert testimony (Respondent) in an arbitration regarding alleged investment treaty violations in the railroad industry in Guatemala.

2010 - **Natural Gas:** Confidential: Expert testimony in a SCC arbitration regarding disputes concerning price adjustment in natural gas contracts in Southern Europe.

2010 - **Electricity:** *M.A. Sayiner and other individuals v Turkey, ECHR 49445/07*, Expert testimony (Respondent) in the European Court of Human Rights concerning

damages due to the termination of a company's licenses for the generation, transmission and distribution of electricity in Turkey.

- 2010 - **Flour industry:** Confidential: Expert advice in a treaty arbitration regarding disputes about the alleged expropriation of a fish flour production enterprise in Peru.
- 2010 - **Electricity/Natural Gas:** Confidential: Expert advice in an arbitration regarding alleged investment treaty violations as it relates to a natural gas field and a power plant located in Ecuador.
- 2010 - **Crude oil:** Confidential: Expert advice in an arbitration regarding investment treaty violations as it relates to transport and storage facilities for hydrocarbon products and derivatives located in Bolivia.
- 2010 - **Aviation:** *Marsans Group (Spain)/Teinver S.A. et al v Argentina, ICSID No. ARB/09/01*, Expert testimony (Claimant) in an ICSID arbitration regarding the expropriation of investments in two airlines in Argentina.
- 2009 - **Electricity:** Confidential: Expert advice in an ICSID arbitration regarding investments in two power barges in Ecuador.
- 2009 - **Electricity:** *Electricité de France v Hungary, PCA 2009-13*, Expert testimony (Claimant) in an ECT arbitration involving a French investor in various power plants in Hungary.
- 2009 - **Gas Compression:** *Exterran Holdings, Universal Holdings/Universal Compression International Holdings, S.L.U. v Venezuela, ICSID ARB/10/9*, Expert testimony (Claimant) in an ICSID arbitration involving a US investor in gas compression facilities in Venezuela.
- 2009 - **Steel:** Confidential, Expert advice in an ICC arbitration involving the termination of an off-take agreement, UK.
- 2009 - **Natural Gas:** Confidential: Expert testimony in an international arbitration, under the rules of the Stockholm Chamber of Commerce, involving the non-performance of a natural gas delivery contract between an Ukrainian supplier and an Italian purchaser.
- 2009 - **Construction:** *Concesionaria Dominicana de Autopistas y Carreteras, S.A v Dominican Republic, ICC 15689/JRF/CA*, Expert testimony (Claimant) involving a road concession contract between a Spanish firm and the Dominican Republic under the Spain-Dominican Republic bilateral investment treaty.
- 2009 - **Finance:** Confidential: Expert advice in a Canadian litigation involving the termination of a merger agreement.
- 2009 - **Crude Oil:** Confidential: Expert testimony in an ICC arbitration involving a shareholder dispute in a crude oil joint venture in Venezuela.
- 2009 - **Food Products:** *Compañía Embotelladora Del Pacífico, S.A. v PepsiCo, US Courts 00 CIV 7677(JSR)*, Expert testimony (Respondent) in a US litigation

involving a contract termination between a US soft drink concentrate producer and a Peruvian bottler.

- 2009 - **Natural Gas:** Confidential: Expert testimony in an ICC Arbitration involving a dispute between shareholders in a natural gas marketing arrangement in a Caribbean country.
- 2009 - **Energy:** Confidential: Expert testimony in a Political Risk Insurance Arbitration, concerning expropriation of investments in natural gas and electricity in Chile and Argentina.
- 2008 - **Telecommunications:** *Millicom International Cellular Group and Sentel GSM v Senegal, ICSID ARB/08/20*, Expert testimony (Claimant), in an International Arbitration under the ICSID Convention, concerning expropriation of investments of a Dutch investor in the telecommunications sector in Senegal.
- 2008 - **Insurance:** Confidential: Expert advice in an International Arbitration under the ICSID Convention, concerning expropriation of investments of a Dutch investor in the insurance market in Poland.
- 2008 - **Crude Oil:** *City Oriente Ltd v Ecuador, ICSID ARB/06/21*, Expert testimony (Claimant) in an ICSID arbitration, concerning investments of a US crude oil company in Ecuador.
- 2008 - **Natural Gas:** Confidential: Expert advice in an ICC case involving a contractual dispute between an Argentine natural gas producer and a Chilean industrial user.
- 2008 - **Electricity:** *Libanaco Holdings v Turkey, ICSID ARB/06/08*, Expert testimony (Respondent), in an International Arbitration under the Energy Charter Treaty and the ICSID Convention, concerning alleged expropriation of investments of a Cypriot investor in the electricity sector in Turkey.
- 2008 - **Electricity:** *Cementownia "Nowa Huta" SA v Turkey, ICSID(AF)/06/02*, Expert testimony (Respondent) in a treaty arbitration regarding the alleged expropriation of investments in electricity distribution assets in Turkey.
- 2008 - **Water Services:** Confidential: Expert advice in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a US investor in water distribution in the Province of Mendoza, Argentina.
- 2008 - **Natural Gas:** Confidential: Expert advice in case involving a US natural gas company suing a political risk insurance broker for misrepresentation on the extent of PRI coverage. US federal courts.
- 2008 - **Tourism:** Confidential: Expert advice in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of an Austrian investor in the Hotel/Tourism sector in Ukraine.
- 2008 - **Energy:** *RosInvestCo UK Ltd v Russian Federation, SCC V(079/2005)*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a UK investor in the energy sector in Russia.

2008 - **Road Construction:** *HOCHTIEF Aktiengesellschaft v Argentina, ICSID No. ARB/07/31*, Expert testimony (Claimant), in an International Arbitration under the ICSID convention, concerning expropriation of investments of a German investor in a bridge in Rosario, Argentina.

2007 - **Water Services:** *Impregilo Spa, Aguas de Bilbao, URBASER v Argentina, ICSID ARB/07/17*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a Spanish/Italian consortium in water distribution in the Province of Buenos Aires, Argentina.

2007 - **Electricity:** Confidential: Expert testimony, in an International Arbitration in front of the ICC, concerning implementation of an Award related to the termination of a power purchase agreement in El Salvador.

2007 - **Agroindustry:** *Chemtura Corp (formerly Crompton Corp) v Canada, UNCITRAL*, Expert testimony (Claimant), in an International Arbitration under NAFTA Treaty, concerning expropriation of a US investor in the agroindustry sector in Canada.

2007 - **Water Services:** Confidential: Expert advice in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a US investor in water distribution in the Province of Mendoza, Argentina.

2007 - **Food Products:** *Corn Products Intl v Mexico, ICSID ARB(AF)/04/01* (Claimant); Expert testimony, in an International Arbitration under NAFTA Treaty, concerning expropriation of a US investor in the food sector in Mexico.

2007 - **Electricity:** Confidential: Expert advice in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of an investor in the Electricity sector in Ecuador.

2007 - **Electricity:** *AES Summit Generation Limited and AES-Tisza Eröbü Kft. ICSID ARB/03/16*, Expert testimony (Claimant), in an International Arbitration under the European Energy Charter, concerning expropriation of an investor in the Electricity sector in Hungary.

2007 - **Tourism:** *Waguilh Siag and Clorinda Vecchi v Egypt, ICSID ARB/05/15*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of an Italian investor in the tourism sector in Egypt.

2007 - **Natural Gas:** Confidential: Expert testimony, in an International Arbitration under International Chamber of Commerce rules, involving a natural gas export contract dispute between an Argentine supplier and a Chilean customer.

2007 - **Petroleum:** *Conoco Phillips v Venezuela, ICSID ARB/07/30*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a Dutch investor in the petroleum production sector in Venezuela.

2006 - **Finance:** *DaimlerChrysler Financial Services AG v Argentina, ICSID ARB/05/01*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation and/or unfair treatment of a German investor in the Argentinean finance sector.<sup>98</sup>

2006 - **Natural Gas:** Confidential: Expert testimony, in an International Arbitration case involving a natural gas export contract dispute between a group of Argentinean suppliers and Chilean consumers.

2005 - **Electricity:** Confidential: Expert testimony, in a Political Risk Insurance case, concerning expropriation of an US investor in the electricity generation sector in Colombia.

2005 - **Petroleum:** Confidential: Expert advice in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a Dutch investor in the petroleum production sector in Venezuela.

2005 - **Energy:** *Pan American Energy v Bolivia, ICSID ARB/10/8*, Expert testimony (Claimant) in an ICSID arbitration involving crude oil and natural gas investments in Bolivia.

2005 - **Crude Oil and Natural Gas:** *Wintershall Aktiengesellschaft v Argentina, ICSID ARB No. ARB/04/14*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a German investor in the oil and gas sector in Argentina.

2005 - **Natural Gas:** Confidential: Expert testimony, in an International Political Risk Insurance Arbitration, concerning expropriation of a US investor in gas distribution in Argentina.

2005 - **Forestry:** Confidential: Expert testimony, in a contract dispute involving alleged damages due to environmental degradation of a forest area in northern Argentina by a gas exploration company.

2005 - **Finance:** *Reinsurance Group of America v Argentina, ICSID ARB/04/20*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a US investor in the reinsurance sector in Argentina.

2004 - **Electricity:** *Compañía General de Electricidad S.A. and CGE Argentina S.A. v Argentina, ICSID ARB/05/02*, Expert testimony (Claimant) in an expropriation dispute over an investment of a Chilean investor in the distribution electricity sector in Argentina.

2004 - **Energy:** *Total S.A., v Argentina, ICSID No. ARB/04/1*, Expert testimony (Claimant) in an unfair treatment dispute over the investment of a French investor in the production of electricity, crude oil and natural gas in Argentina. Arbitration held under ICSID rules.

2004 - **Telecommunications:** Confidential: Expert testimony, in an ICC Arbitration concerning a shareholders' dispute between Italian and a Brazilian holding in the telecommunications industry in Brazil.

2004 - **Telecommunications:** *Telefónica S.A. v. Argentine Republic, ICSID Case No. ARB/03/20*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a Spanish investor in the telecommunications sector in Argentina.

2004 - **Electricity and Natural Gas:** *Noble Energy v Ecuador, ICSID ARB/05/12*, Expert testimony (Claimant), in an Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of an US investor in the energy sector in Ecuador.

2004 - **Petroleum:** Confidential: Expert testimony, in an ICC arbitration concerning termination of an oil loading terminal operation contract in Venezuela.

2004 - **Energy:** *El Paso Energy International v Argentina, ICSID ARB/03/15*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a US investor in the crude oil, gas and electricity generation sectors in Argentina.

2004 - **Airports:** *ADC Affiliate Limited & ADC & ADMC Management Limited v Hungary, ICSID ARB/03/16*, Expert testimony (Claimant) in an Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a Cyprus investor in Hungary.

2004 - **Natural Gas:** *Gas Natural SDG SA (Gas Natural Fenosa) v Argentina, ICSID ARB/03/10*, Expert testimony (Claimant) in expropriation claim over natural gas distribution assets of a Spanish investor in Argentina. Arbitration held in Washington DC, under ICSID rules.

2003 - **Electricity:** Confidential: Expert advice in an international arbitration in front of the International Chamber of Commerce. Case concerns termination of a power purchase agreement in Brazil.

2003 - **Electricity:** Confidential: Expert testimony, in an international arbitration concerning interpretation of a transmission contract agreement in El Salvador, under UNCITRAL rules.

2003 - **Electricity Distribution:** *Electricité de France International v Argentina, ICSID ARB/03/22*, Expert testimony (Claimant) in an Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of an French investor in electricity distribution in Buenos Aires, Argentina.

2003 - **Electricity Distribution:** *Electricité de France International v Argentina, ICSID ARB/03/23*, Expert testimony (Claimant) in an Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments in electricity distribution in Mendoza, Argentina.

2003 - **Natural Gas Transport:** *Enron Creditors Recovery Corporation and Ponderosa Assets, L.P. v. Argentina (ICSID ARB/01/3)*, Expert testimony (Claimant) in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a US investor in natural gas transportation, in Argentina.

2003 - **Electricity:** *AES Corporation v Argentina, ICSID ARB/02/17*, Expert testimony (Claimant) in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a US investor in electricity distribution and generation, in Argentina.

2003 - **Water Services:** *Suez-Ondeo (Maynilad Water Services Inc) v Philippines, UNCITRAL, UNC47/KGA*, Expert testimony (Claimant), in an International Arbitration case under UNCITRAL rules, involving the early termination of water distributions service concession, in Manila, Philippines.

2003 - **Energy:** *Pan American Energy LLC and BP Argentina Exploration Company v. Argentina (ICSID ARB/03/13)*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of a US investor in crude oil, natural gas generation, and electricity, in Argentina.

2003 - **Electricity Generation:** Confidential: Expert testimony, in an international Political Risk Insurance claim involving expropriation of investments in an electricity generation company in Colombia.

2003 - **Electricity:** *Camuzzi International S.A. v. Argentina (ICSID ARB/03/7)* Expert Testimony (Claimant) on expropriation of concession rights on one electricity transmission company and two electricity distribution companies operating in Argentina.

2002 - **Water Services:** *Suez, Agbar & Interaguas v Argentina, ICSID ARB/03/17*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a French-Spanish-British consortium in water distribution in the Province of Santa Fé, Argentina.

2002 - **Water Services:** *Suez, Vivendi Universal, Sociedad General de Aguas de Barcelona and AWG Group/Aguas Argentinas v Argentina, ICSID ARB/03/19*, Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a French-Spanish-British consortium in water distribution in the Province of Córdoba, Argentina.

2002 - **Water Services:** *Suez, Agbar & Interaguas v Argentina, ICSID ARB/03/18* Expert testimony (Claimant), in an International Arbitration under Bilateral Investment Protection Treaties, concerning expropriation of investments of a French-Spanish-British consortium in water distribution, Córdoba, Argentina.

2002 - **Natural Gas Distribution:** *Camuzzi International v Argentina, ICSID ARB/03/2*, Expert testimony (Claimant), in an International Arbitration under Argentina/US

bilateral investment treaty, concerning expropriation of investments by US and Italian investors in two gas distribution companies, Argentina.

2002-2004 - **Water Services:** *Azurix Corp v Argentina, ICSID ARB/01/12*, Expert testimony (Claimant), in an Arbitration under Argentina/US bilateral investment treaty, concerning of expropriation of a US investors' investments in water distribution, in the Province of Buenos Aires, Argentina.

1999-2001 - **Electricity:** Confidential: Expert testimony, in an International Arbitration (ICC) involving the termination of an Electricity Contract in El Salvador.

## II. REGULATION

- 2019 - **Electricity:** Development of regulatory proposals for New Zealand's electricity transmission.
- 2015 - **Electricity:** Assessment of New Zealand's Electricity Authority's proposal for reforming electricity transmission charges.
- 2007 - **Telecommunications:** Assessment of price cap for a major telecommunications provider in Peru.
- 2006 - **Natural Gas:** Analysis of relevant competitive prices for a natural gas contract between Argentine producers and Chilean customers.
- 2004 - **Electricity:** Auditing of bidding practices by an Argentine generator.
- 2003-2004 - **Telecommunications:** Consultant, Auditing of competitive conditions in local and long distance markets, in Argentina (client A).
- 2003-2004 - **Telecommunications:** Consultant, Auditing of competitive conditions in local and long distance markets in Argentina (client B).
- 2003-2004 - **Electricity:** OSINERG, Consultant on wholesale market regulation, Peru.
- 2001 - **Electricity:** Consultant, Bankruptcy and reorganization of a California utility.
- 2001 - **Water Services:** Consultant, Audit of Regulatory Model in the framework of contract renegotiation, Province of Buenos Aires, Argentina.
- 2001 - **Telecommunications:** Communications Regulatory Unit, Uruguay, Consultant, design and implementation of spectrum auction, Uruguay.
- 2001 - **Telecommunications:** Communications Regulatory Unit, Uruguay, Consultant, design of spectrum management policy, Uruguay.
- 2001 - **Telecommunications:** Consultant, Entry strategy in new markets, Argentina.
- 2000 - **Telecommunications:** Consultant, Mexico, Interconnection Policies.
- 2000 - **Regulatory Accounting:** Office of Budget and Planning, Uruguay, Consultant, Regulatory Accounting.

2000 - **Electricity:** Consultant, reform of electricity regulation in El Salvador.

2000 - **Airlines:** Consultant, Impact of Regulations on Operational Efficiency.

2000 - **Water Services:** Colombia's Water Regulatory Agency, Consultant, Reform of Water and Sewerage Regulation.

2000 - **Regulatory Reform:** Secretary of Energy, Argentina, Consultant, Reform of Argentina's Regulatory Sector.

2000 - **Telecommunications:** Consultant, Pricing of Internet Services.

1999 - **Pension Systems:** Central Bank of Uruguay/Association of Pension Funds, Uruguay/InterAmerican Development Bank, Consultant on Regulatory Issues in the Pension Funds Industry in Uruguay.

1999 - **Telecommunications:** Superintendacy of Telecommunications, Consultant, implementation of operator selection, Guatemala.

1999 - **Electricity Transmission:** Consultant, Competition in Transmission Services, New Zealand.

1999 - **Telecommunications:** Consultant, Policy Towards Price Cap Regulation, Argentina.

1999 - **Telecommunications:** Consultant, Universal Service, Argentina.

1999 - **Telecommunications:** Superintendacy of Telecommunications, Guatemala, Consultant, Competition Issues in Guatemala.

1999 - **Telecommunications:** Superintendacy of Electricity and Telecommunications, El Salvador, Consultant, Review of SIGET's performance, in El Salvador.

1998-1999 - **Water Services:** Consultant, ETOSS, Issues Concerning the Renegotiation of a Concession in the Gran Buenos Aires Region, Argentina.

1998 - **Natural Gas:** Member, Selection Commission, President of Gas Regulatory Agency, Argentina, Ministry of Economics.

1997-1998 - **Telecommunications:** Telecommunications Regulatory Commission, Colombia, Consultant, Design of Efficient Access Charges for Local Exchange and Rural Companies.

1997-1998 - **Telecommunications:** Government of Norway, Consultant, Need for Unbundling in Norway.

1997-1999 - **Electricity Transmission:** Consultant, Determinants of Optimal Quality of Distribution and Transmission Services, New Zealand.

1997 - **Telecommunications:** Government of Nicaragua, Consultant, Telecommunications Policy.

1997 -1998 **Telecommunications:** Costa Rica, Consultant, Telecommunications Reform.

1997 - **Natural Gas:** Comisión Intersecretarial de Desincorporación, México, Consultant, Reform of Gas Distribution.

1997-2000 - **Telecommunications:** Government of Norway, Consultant, Telecommunications Regulation and Interconnection Policies.

1997-1998 - **Telecommunications:** ANTEL, El Salvador, Consultant, Interconnection policies.

1997-1998 - **Telecommunications:** Superintendencia de Telecomunicaciones, Guatemala, Consultant, Spectrum Privatization and Spectrum Auction Design.

1997 - **Postal Services:** Ministry of Economics, Argentina, Consultant, Post Office Regulation and Privatization.

1997 - **Airports:** Ministry of Economics, Argentina, Consultant, Airports Regulation and Privatization.

1997-1999 - **Water Services:** InterAmerican Development Bank, Academic Director, Project on The Political Economy of Water Regulation in Latin America.

1996 - **Water Services:** ETOSS, Argentina, Consultant, Water Services Regulation.

1996-1999 - **Electricity:** Consultant, Transmission Pricing in New Zealand.

1996-1997 - **Telecommunications:** Government of El Salvador, Consultant, Drafting of Telecommunications Regulations.

1996-1997 - **Telecommunications:** GUATEL, Guatemala, Consultant, Interconnection and Unbundling Policies.

1996 - **Electricity:** Government of Argentina, Consultant, Analysis of Electricity Regulation and Practice.

1996 - **Telecommunications:** Government of Panama, Consultant, Telecommunications Regulation Policies.

1996 - **Water Services:** Government of El Salvador, Consultant, Water Regulation.

1996 - **Telecommunications:** GUATEL, Guatemala, Consultant, Drafting of Telecommunications Legislation.

1996 - **Telecommunications:** Government of El Salvador, Consultant, Drafting of Telecommunications Legislation and Development of Industry and Regulatory Reform.

1996 - **Electricity:** Government of El Salvador, Consultant, Drafting of Electricity Legislation and Development of Industry and Regulatory Reform.

1996 - **Public Utilities:** The World Bank, Consultant, Policies Towards Privatization and Unbundling of Utilities.

1996 - **Infrastructure:** The World Bank, Consultant, Regulatory Challenges and Opportunities in Infrastructure Development.

1995-1996 - **Telecommunications:** Consultant on interconnection policies in the US.

1995-1996 - **Telecommunications:** Consultant on competitive pricing for a RBOC in US.

1995-1996 - **Telecommunications:** USAID, Consultant, Telecommunications Regulation in Guatemala.

1995-1996 - **Water Services:** InterAmerican Development Bank, Consultant, Water Regulation in Latin America.

1995 - **Telecommunications:** Mexico, Subsecretary of Telecommunications, Design of Telecommunications Interconnection Regulations.

1995 - **Railroads:** Mexico, Federal Competition Commission, Consultant, Railroad Deregulation.

1995 - **Telecommunications:** Mexico, Federal Competition Commission, Consultant, Design of the General Telecommunications Act.

1995 - **Telecommunications:** Mexico, Federal Competition Commission, Consultant, Competition Policies towards Long Distance Telecommunications.

1995 - **Telecommunications and Electricity:** Ministry of Planning, El Salvador, Consultant, Regulatory Policies in the Telecommunications and Electricity Sectors.

1994-1995 - **Telecommunications:** Consultant on price cap regulation in the US.

1994-1995 - **Electricity:** Consultant on Restructuring of the Electricity Sector in the US for a major electricity distribution company.

1994-1995 - **Electricity:** Consultant on transmission pricing for a major electricity distribution company in the US.

1994-1995 - **Electricity:** Consultant on design of contracts for electricity distribution companies, New Zealand.

1994-1995 - **Electricity:** Consultant on design of pool operations procedures, New Zealand.

1994 - **Natural Gas Transport:** Consultant on gas pipeline pricing methods for a major gas transmission company.

1994 - **Electricity:** Mexico, Federal Energy Regulatory Commission, Consultant, Regulatory Reform.

1994-1995 - **Public Utilities:** IDB: Consultant, Design of Regulatory Policies for Utilities in El Salvador.

1993-1995 - **Telecommunications:** Consultant on termination of divestiture restrictions on the RBOCS, in the US.

1993-1995 - **Telecommunications:** Consultant on the Effects of State Regulation of Telecommunications on Telecommunications Infrastructure for a US RBOC.

1993-1994 - **Infrastructure:** Foreign Investment Advisory Service; Consultant, Design of Policies to Promote Foreign Direct Investment in Infrastructure Projects.

1993-1994 - **Public Utilities:** The World Bank; Consultant, Design of Regulatory Policy for Utilities in Colombia.

1993-1994 - **Electricity:** Consultant on Electricity Transmission Pricing in New Zealand.

1993-1994 - **Public Utilities:** United Nations; Consultant, Regulation of Services in Uruguay.

1993 - **Public Utilities:** The World Bank; Consultant, Regulation and Private Sector Development, Latin America Division.

1992-1993 - **Electricity:** World Bank; Consultant, Design of Regulatory Framework for the Power Sector in Bolivia.

1992 - **Water and Natural Gas:** World Bank, Consultant, Assessment of Regulatory Policy for Gas and Water Sectors in Bolivia.

1991 - **Public Utilities:** World Bank; Consultant, Design of Regulatory Agencies for Privatized Utilities in Argentina.

1991-1992 - **Regulation and Antitrust:** World Bank; Consultant, Regulatory and Antitrust Policy in Jamaica.

1991-1994 - **Public Utilities:** Director, World Bank Project on "Regulations, Institutions and Economic Efficiency."

1991 - **Public Utilities:** World Bank; Consultant, Malaysia, regulation of public utilities.

1990 - **Public Utilities:** World Bank; Consultant, Regulatory policy in developing countries, Public Sector Management Private Sector Development Division.

1990 - **Soft Drinks:** Consultant on effects of soft drink bottlers' acquisition by concentrate manufacturers in the US.

1988-1989 - **Trade Liberalization:** World Bank; Consultant, Commonwealth of Dominica, trade liberalization and industrial restructuring.

1983-1989 - **Trade Liberalization:** World Bank; Consultant, Uruguayan trade liberalization policy.

1980-1982 - **Public Utilities:** United Nations Development Program: Consultant, Regulatory policy for Uruguayan Telephone, Water, Electricity and Gas Utilities.

1980-1983 - **Telecommunications:** Central Bank of Uruguay: Consultant, Banking Regulation and Telecommunications Policy.

### III. ANTITRUST

2011 - **Telecommunications:** Declaration of Economists and Antitrust Scholars on Behalf of Radiomóvil Dipsa S.A. de C.V. (Telcel), in front of Mexico's Federal Competition Commission.

2009 - **Telecommunications:** Advisor on antitrust proceedings concerning the acquisition of shares in a major global telecommunications company.

2008 - **Telecommunications:** Supreme Court Amicus Brief of Professors and Scholars in Law and Economics in Support of the Petitioners, Pacific Bell Telephone Co. v. linkLine Communications, Inc., Supreme Court of the United States, No. 07-512 (filed Sept. 4, 2008).

2007 - **Telecommunications:** Supreme Court Amicus Brief of Professors and Scholars in Law and Economics in Support of Certiorari, Pacific Bell Telephone Co. v. linkLine Communications, Inc., Supreme Court of the United States, No. 07-512 (filed Nov. 16, 2007).

2006 - **Food Production:** Conduct assessment of Argentine cookie manufacturers.

2006 - Energy: Expert testimony on merger of two energy companies in Spain with assets in Argentina.

2004 - **Telecommunications:** Consultant for the Uruguayan Telecommunications Regulatory Unit (URSEC) on antitrust policy for the telecommunications sector in Uruguay.

2004 - **Telecommunications:** Expert testimony, in an antitrust case concerning public telephony in Puerto Rico, 01-CV-02519..

2004 - **Telecommunications:** Expert testimony, on merger of two wireless operators in Argentina.

2003 - **Natural Gas:** Expert testimony, antitrust issues in Argentina's natural gas market.

2003 - **Natural Gas Transport:** Expert testimony in various antitrust cases involving pricing of wholesale gas transport, and electricity pricing in the US.

2002 - **Food Production:** FTC, Expert testimony, on an antitrust case concerning the food industry in the US.

2002 - **Software:** FTC, Expert testimony, antitrust case in a consummated software merger case.

2001-2002 - **Various Antitrust Issues:** Federal Trade Commission, Consultant.

2000 - **Tobacco:** Consultant, on antitrust issues.

1999 - **Cement:** Expert testimony, antitrust case involving collusion in the Argentine cement industry.

1999 - **Airlines:** Expert testimony, antitrust and competition issues concerning merger of two national carriers, US.

1998 - **Oil and Gas:** Expert testimony, in an antitrust case involving an oil & gas producer in Argentina.

1997-1998 - **Aviation:** Consultant, joint venture between a US and a British airlines.

1997 - **Aviation:** Consultant, in an antitrust case, issues concerning operation of hub and spoke systems.

1997 - **Telecommunications:** Comisión Federal de Competencia, México, Consultant, Antitrust Issues in PCS Auctions.

1995-1996 - **Telecommunications:** Consultant on competition issues in Mexico's telecommunications sector.

1995-1996 - **Equipment Manufacturer:** Expert testimony on antitrust case in the US.

1995 - **Airlines:** Mexico, Federal Competition Commission, Policy Towards Airline Mergers.

1994 - **Telecommunications:** Consultant on MFJ legislation for an RBOC in the US.

1993-1994 - **Antitrust:** The World Bank; Consultant, Design of Antitrust Policy and Organization of Antitrust Agency in Colombia.

1993 - **Antitrust:** Consultant in an antitrust case concerning the car maintenance sector.

1992-1993 - **Antitrust:** World Bank, Consultant, Antitrust Policy for Bolivia.

1992-1995 - **Software:** Expert testimony on an antitrust case involving CAD-CAM software in the US.

1990-1992 - **Airlines:** Department of Transportation, Consultant, Airline Operations at Major Hubs.

1991 - **Oil:** Consultant on a joint venture of two oil and gas producers in the US.

1990 - **Satellite Cable:** Expert testimony on merger injunction of cable operators.US.

1988 - **Consumer Products:** Consultant in merger between two large consumer product companies.

1987-1988 - **Silver:** Expert testimony on antitrust case involving a price fixing, monopolization, commodity case in the silver market.

1984-1985 - **Toys:** Expert testimony on a vertical restraint, price fixing and monopolization case in the toys industry.

1984-1988 - **Various Industries:** Federal Trade Commission, Consultant, Bureau of Economics. Antitrust and Regulation.

## OTHER PROFESSIONAL ACTIVITIES

ReachingU – A foundation for Uruguay  
President, Board of Directors (2021-2022)  
Member, Board of Directors (2019-)

Annual Berkeley-Paris Workshop on the Economics of Organization  
Co-organizer (2015-present)

International Society for New Institutional Economics:

President (2009-2010)  
President Elect (2008-2009)  
Vice President Elect (2007-2008)  
Member, Board of Directors (2007-2010)  
Chair, Program Committee, Annual Conference (2009)  
Program Committee, Annual Conference (2001)  
Program Committee, Annual Conference (2000)

Global Adaptation Institute  
Member, Science Council (2011-2012)

Journal of Comparative Economics  
Invited Editor, Special issue: Empirical Studies of the Judiciary (2007)

Institute for Transnational Arbitration  
Member, Board of Directors (2006-present)

The Independent Institute  
Member, Board of Advisors (2005-present)  
Member, Board of Advisors, The Center on Global Prosperity (2005-present)

SSRN Advisory Board, Law and Positive Political theory  
Member, Advisory Board (2005-present)

Bradley Foundation  
Fellowship Program Director at the University of California Berkeley (2004-present)

Argentine Association of Political Economy  
Honorary Member (2003)

Journal of Law, Economics and Organization:  
Editor in Chief (2009-2013)  
Co-Editor (1994-2009)  
Member, Board of Editors (2014-present)

Journal of Economics and Management Strategy  
Co-Editor (1991-2002)

Journal of Comparative Economics  
Associate Editor (2007-present)

Journal of Applied Economics  
Associate Editor (1998-present)

Journal of Policy Reform  
Associate Editor (1994-2002)

Journal of Industrial Economics  
Associate Editor (1993-1998)

Regulation Magazine  
Associate Editor (1999-present)

The Utility Project  
Member, Advisory Board (2003-2011)

Federal Trade Commission  
Special Assistant to the Director, Bureau of Economics (January-July, 2002)

Haas School of Business  
Chair, Business & Public Policy Group (1995-2001)

American Law & Economics Association:  
Member, Board of Directors, 1998-2001.  
Program Committee, Meetings, 2001.  
Program Committee, Meetings, 2000.

Western Economics Association  
Nominating Committee (2000)

University CEMA, Buenos Aires, Argentina  
Member, Academic Advisory Board (2000-present)

Commission for the Selection of the President of ENERGAS, Argentina's Gas Regulatory Commission  
Member (1998)

Center for Institutional Analysis, Buenos Aires, Argentina  
Member, Board of Advisors (1997-present)

SNF, Bergen, Norway  
Distinguished Research Fellow (1996-present)

Institute for Policy Reform  
Senior Fellow (1992-1998)

Annenberg Center for Telecommunications Policy, University of Pennsylvania  
Member, Steering Committee (1995)

CERES, Uruguay  
Member, International Advisory Board

Institute of Government and Public Affairs, University of Illinois

Director, PRAIRIE, "Program for Research on American and International Regulatory Issues and Environment" (1992-1994)

Electric Power Research Consortium, University of California, Berkeley  
Founding Member (1993-present)

1994 Winter Meetings of the North America Chapter of the Econometric Society  
Member, Organizing Committee

Western Economic Association  
Member, 1991 Nominating Committee

1991 Summer Meetings of the Econometric Society, Punta del Este, Uruguay  
Member, Organizing Committee

## PROFESSIONAL HONORS

- 2024 - Named as "Global Thought Leaders in International Arbitration of 2024" by Who's Who Legal.
- 2023 - Recipient of The Elinor Ostrom Lifetime Award granted by the Society for Institutional and Organizational Economics for "*Sustained Significant Academic Contributions To Institutional And Organizational Economics.*"
- 2022 - Named as "Global Thought Leaders in International Arbitration of 2023" by Who's Who Legal.
- 2021 - Named as "Global Thought Leaders in International Arbitration of 2022" by Who's Who Legal.
- 2021 - Recognized by Who's Who Legal Mining 2022 - Experts as "One of the top in the US for mining disputes."
- 2021 - President, Board of Directors, Reaching U – A Foundation for Uruguay. (2021-2022)
- 2021 - Named, Permanent Member (*Miembro Numerario*), National Academy of Economics, Uruguay
- 2020 - President, Board of Directors, Reaching U – A Foundation for Uruguay, 2020-2022.
- 2020 - Named as "Global Thought Leaders in International Arbitration of 2021" by Who's Who Legal.
- 2019 - Member, Board of Directors, Reaching U – A Foundation for Uruguay, 2019-.
- 2019 - Named as "Global Thought Leaders in International Arbitration of 2020" by Who's Who Legal.
- 2019 - Appointed to the ICCA-ASIL Task Force on Damages in International Arbitration.

2019 - Named as “Global Thought Leaders in International Arbitration of 2019” by Who’s Who Legal.

2018 - Named as “Thought Leaders in International Arbitration of 2018” by Who’s Who Legal.

2017 - Named as “Thought Leaders in International Arbitration of 2017” by Who’s Who Legal.

2017 - Named one of the most highly regarded experts in Arbitration by Who’s Who Legal

2016 - Named one of the most highly regarded experts in Arbitration by Who’s Who Legal

2015 - Named one of the five most highly regarded experts in Arbitration by Who’s Who Legal.

2014 - Named in Who’s Who Legal Arbitration: Expert Witnesses list

2013 - Named in Who’s Who Legal Arbitration: Expert Witnesses list

2012 - Named in Who’s Who Legal Arbitration: Expert Witnesses list

2011 - Named in Who’s Who Legal Arbitration: Expert Witnesses list

2010 - Named in Who’s Who Legal Arbitration: Expert Witnesses list

2003 - Featured in “Who’s Who in Economics” 4th Ed., Eds. Blaug, M. and H. Vane, Edward Elgar Publishing, 2003.

1995 - Featured in Mark Blaug and Paul Sturges, Eds, “Who is Who in Economics: A Bibliography Dictionary of Major Economists, 1700-1995,” MIT Press, Cambridge.

## ACADEMIC WORK EXPERIENCE

2013-present - Jeffrey A. Jacobs Distinguished Professor (Emeritus) of Business & Technology, University of California, Walter A. Haas School of Business, Berkeley

2013-present - Professor of Graduate Studies, University of California, Berkeley

2003-2013 - Jeffrey A. Jacobs Distinguished Professor of Business & Technology, University of California, Berkeley

1995-2003 - Joe Shoong Professor of International Business and Professor of Business and Public Policy. University of California, Berkeley

1993-1995 - Visiting Professor, Haas School of Business, University of California, Berkeley

1988-1993 - William B. McKinley Distinguished Professor of Business and Public Utilities

1984-1987 - Research Scholar, Hoover Institution, Stanford University

1980-1984 - Assistant Professor of Economics, University of Pennsylvania

2003-2023 - Research Associate, NBER

## I. OTHER ACADEMIC EXPERIENCE

2011-2012 - Visiting Professor of Law, Columbia University.

2010-2011 - Visiting Professor of Law, New York University.

2003 - Visiting Professor, ATOM, Université Paris I, Paris France.

1998-1999 - Visiting Scholar, Fundación Gobierno y Sociedad, CEDI, Buenos Aires.

1998-1999 - Visiting Professor, Universidad de San Andrés, Buenos Aires, Argentina.

1993-1995 - University of California, Berkeley, Haas School of Business, Visiting Professor of Business and Public Policy.

1992-1993 - Academic Director, World Bank Project on "Regulations, Institutions and Economic Efficiency".

1991-1992 - Visiting Professor of Business, Haas Graduate School of Business, University of California, Berkeley.

1991-1992 - Visiting Research Professor, Universitywide Energy Research Group, University of California, Berkeley.

1991-1992 - Olin Foundation Fellow, Law School, University of California, Berkeley.

1990-1994 - University of Illinois, Urbana-Champaign, Professor of Government and Public Affairs, Institute of Government and Public Affairs.

1989 - Visiting Professor of Business Economics, Center for the Study of the Economy and the State, Graduate School of Business, University of Chicago.

1988-1990 - Ameritech Research Fellow, Institute of Government and Public Affairs, University of Illinois.

1987-1994 - University of Illinois, Urbana-Champaign, William B. McKinley Professor of Economics and Public Utilities.

1987-1989 - Associate Professor of Economics, Department of Economics, University of Illinois.

1986-1987 - Visiting Associate Professor of Economics, Department of Economics, Stanford University.

1985-1986 - Visiting Associate Professor of Economics, Department of Economics, University of California, Berkeley, California.

1984-1987 - Senior Research Fellow, Hoover Institution, Stanford University.

1983-1984 - Tinker Postdoctoral Fellow, Department of Economics, University of Chicago.

1980-1984 - Assistant Professor of Economics, Department of Economics, University of Pennsylvania.

1981 - Visiting Assistant Professor, Tel Aviv University.

1975-1976 - Researcher, Falk Institute for Economic Research in Israel, Jerusalem, Israel. Member of the Falk Innovation Project Group.

1975 - Visiting Researcher, Science Policy Research Unit, University of Sussex, Brighton, England.

## PUBLICATIONS

### I. BOOKS

1. Damages in International Arbitration under Complex Long Term Contracts, with Herfried Wöss, Adriana San Román Rivera, and Santiago Dellepiane, Oxford University Press, 2014.
2. El Juego Político En América Latina: ¿Cómo se deciden las Políticas Públicas?, Eds. with Scartascini, C., E. Stein, and M. Tommasi, BID, Mayol Ediciones, Colombia. 2011.
3. Policymaking in Latin America: How Politics Shapes Policies, Eds., with Stein, E., M. Tommasi and C. Scartascini, DRCLAS, Harvard University/InterAmerican Development Bank, Washington DC, 2008.
4. The Institutional Foundations of Public Policy: The Case of Argentina, with Mariano Tommasi, Cambridge University Press, 2007.
5. Institutions, Contracts and Regulation in Argentina, (in spanish) with Manuel Abdala, Temas, Buenos Aires, 2000.
6. Spilled Water: Institutional Commitment in the Provision of Water Services in Latin America, with W. Savedoff, Eds. Interamerican Development Bank, 1999. (translated into spanish)
7. Regulación de los Sectores de Infraestructura y Energéticos en México, (Infrastructure and Energy Regulation in Mexico) Eds. Spiller, PT and C. Sales, ITAM/Porrúa Grupo Editorial, México City, Mexico, 1999.
8. The Path Towards Rational Regulation in Latin America and the Caribbean: Issues, Concepts and Experience (Directions in Development) with J. Luis Guasch, *World Bank Directions in Development Series* 1999.
9. Regulations, Institutions and Commitment: A Comparative Analysis of Telecommunications Regulation, Ed. with Brian Levy, Cambridge University Press. 1996
10. Strategy, Structure and Antitrust in the Carbonated Soft Drink Industry, with T. Muris and D. Scheffman, Quorum Books, 1993.

## II. ARTICLES

1. "Doing It by the Book: Political Contestability and Public Contract Renegotiation," with Marian Moszoro and Jean Beuve, *Journal of Law, Economics and Organization*, 2021.
2. "Political Contestability and Public Contracting," with Marian Moszoro, in *Journal of Public Economic Theory*, 2019, 21:945-966.
3. "Implications of Third Parties for Contract Design," with Marian Moszoro, *Journal of Industrial and Business Economics / Economia e Politica Industriale*. March 2018, 45: 5-16.
4. "Coase and the Transactions Cost approach to regulation," with Marian Moszoro, in Menard, C. and E. Bertrand, Eds., The Elgar Companion to Ronald H. Coase, Edward Elgar Publishing, Cheltenham, UK, 2016.
5. "Rigidity of Public Contracts," with Marian Moszoro and Sebastian Stolorz, *Journal of Empirical Legal Studies*, August 2016, 13: 396-427.
6. "The impact of consumer advocates on regulatory policy in the electric utility sector," with Fremeth, Adam R. and Guy L.F. Holburn, *Public Choice*, Vol. 161, No. 1, (2014), Pages 157-181.
7. "Third-Party Opportunism and the Theory of Public Contracts: Operationalization and Applications," (2014), with Marian Moszoro, in Brousseau, E. and J.M Glachant, The Manufacturing of Markets: Legal, Political and Economic Dynamics, Cambridge University Press.
8. "Transactions Cost Regulation," *Journal of Economic Behavior and Organization*. (2013) Vol. 89, Pages 232–242.
9. "Basic Economic Principles of Infrastructure Liberalization: A Transaction Cost Perspective," in International Handbook of Network Industries – The Liberalization of Infrastructure. Finger, M. and R.W. Künneke, Eds. Edward Elgar Publishing, MA, USA, 2011.
10. "Invalid Round Trips in Setting Pre-Judgment Interest in International Arbitration," (2011) with Abdala, M.A. and Pablo D. López Zadicoff, *World Arbitration & Mediation Review*, Vol. 5, No:1, 1-21.
11. "How is it played in Latin America? Political Institutions, Negotiation Processes and Public Policy, with Scartascini, C., E. Stein, and M. Tommasi, Chapter 1 in El Juego Político En América Latina: ¿Cómo se deciden las Políticas Públicas?, Eds. with Scartascini, C., E. Stein, and M. Tommasi, BID, Mayol Ediciones, Colombia. 2011. (in Spanish).
12. "A country without a course. How is public policy made in Argentina?", with M. Tommasi, Chapter 3, in El Juego Político En América Latina: ¿Cómo se deciden las Políticas Públicas?, Eds. with Scartascini, C., E. Stein, and M. Tommasi, BID, Mayol Ediciones, Colombia. 2011. (in spanish)
13. "Regulation: A Transaction Cost Perspective," *California Management Review*, Vol. 52, No.2, 2010: 147-158.

14. "An Institutional Theory of Public Contracts: Regulatory Implications," in M. Ghertman and C. Menard, Eds. Deregulation or Re-regulation: institutional and other approaches, Edward Elgar Publishing. 2009.
15. "Chorzów's Standard Rejuvenated Assessing Damages in Investment Treaty Arbitrations," with Manuel A. Abdala, (2008), *Journal of International Arbitration*, 25(1): 103–120.
16. "Political Institutions, Policymaking Processes, and Policy Outcomes in Argentina," with Mariano Tommasi, in Policymaking in Latin America: How Politics Shapes Policies, Eds., with Stein, E., M. Tommasi and C. Scartascini, DRCLAS, Harvard University/InterAmerican Development Bank, Washington DC, 2008.
17. "Political Institutions, Policymaking and Policy: An Introduction," with Ernesto Stein and Mariano Tommasi, in Policymaking in Latin America: How Politics Shapes Policies, Eds., with Stein, E., M. Tommasi and C. Scartascini, DRCLAS, Harvard University/InterAmerican Development Bank, Washington DC, 2008.
18. "The Organizational Implications of Creativity: The US Film Industry in Mid-XXth Century," with Ricard Gil, 50/1 *California Management Review*, 2007: 243-260.
19. "Strategic Judicial Decision Making," with Rafael Gely, , Whittington, Keith E., E. Daniel Kelemen and Gregory A. Caldeira, Eds., Oxford Handbook of Law and Politics, Oxford University Press, 2008.
20. "Buy, Lobby or Sue: Interest Groups' Participation in Policy Making – A Selective Survey," with Sanny Liao, , Eric Brousseau and Jean-Michael Glachant, Eds. New Institutional Economics, Cambridge University Press, 2008.
21. "Chorzów's Compensation Standard As Applied in ADC v. Hungary," (2007), with Manuel A. Abdala, and Sebastian Zuccon, *The Institute for Transnational Arbitration*, Winter 2007 Vol. 21 No. 1.
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27. "Toward a Positive Theory of State Supreme Court Decision Making," with R.G. Vanden Bergh, *Business and Politics*, Vol. 5. Issue 1, 7-43, 2003.

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31. "Institutional or Structural, Lessons from International Electricity Sector Reforms," with Guy Holburn, Brousseau, E., and JM. Glachant, The Economics of Contracts, Cambridge University Press, 2002.
32. "Modeling Supreme Court Preferences in a Strategic Context," with Mario Bergara and Barak Richman, *Legislative Studies Quarterly*, 2002.
33. "Professional Politicians – Amateur Legislators: The Argentine Congress in the XXth Century," with Mark Jones, Sebastian Saiegh, and Mariano Tommasi, Vol. 46, No. 3, *American Journal of Political Science*, 2002, pp:656-669.
34. "Judicial Decision Making in Unstable Environments: Argentina 1938-1998", with Matias Iaryczower and Mariano Tommasi," Vol. 46, No. 4, *American Journal of Political Sciences*, 2002, pp:699-716.
35. "The Death of the Internet," *Sloan Management Review*, 2002.
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38. "Strategic Instruments: Legal Structure and Political Games in Administrative Law," with Emerson Tiller, Vol. 15, No. 2, *Journal of Law Economics and Organization*, 1999: 349-377.
39. "An Informational Perspective on Administrative Procedures," with Rui deFigueiredo and Santiago Urbiztondo, Vol 15, No. 1, *Journal of Law, Economics & Organization*, 1999:283-305.
40. "Towards a Property Rights Approach to Communications Spectrum", with C. Cardilli, Vol. 16, No.1 *Yale Journal of Regulation*, 1999: 53-84.
41. "Commitment and Governance in Infrastructure Sectors," with W. Savedoff, in F. Basanes, E. Uribe and R. Willig, Eds., Can Privatization Deliver? Infrastructure for Latin America, IADB, Washington DC: 1999.

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45. "Agency Discretion and Accountability in Regulation," P. Newman, Ed., Palgrave Dictionary of Law & Economics, 1997.
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49. "The Introduction of Direct Access in New Zealand's Electricity Market," with Mario Bergara, Vol. 6, No.2., *Utility Policy*, 1997: 97-106.
50. "Product Complementarities, Capabilities and Governance: A Dynamic Transaction Cost Perspective," with B. Zelner, *Industrial and Corporate Change*, Vol 6, No. 3, 561-594, (1997).
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52. "Decision Costs and the Strategic Design of Administrative Processes and Judicial Review," with Emerson Tiller, Vol. 26, No. 2, *Journal of Legal Studies*, 1997: 347-370.
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54. "Invitations to Override: Congressional Reversals of Supreme Court Decisions," with Emerson Tiller, Vol. 16, No.4, *International Review of Law & Economics*, 1996: 503-521.
55. "A Positive Political Theory of Regulatory Instruments: Contracts, Administrative Law or Regulatory Specificity?," Vol. 69, N. 2, *USC Law Review*, 1996: 477-515.
56. "Institutions and Commitment," *Industrial and Corporate Change* (1996).
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62. "Where is the Sin in Sincere: Sophisticated Voting in the Courts," with Matthew Spitzer, *Journal of Law Economics and Organization* (1995).
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68. "Fares and Network 'Feed': Estimating Economies of Traffic Density in Airline Hub-and-Spoke Networks," with J. Brueckner, *Journal of Law and Economics* (1994).
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111. "Regulating by Partial Deregulation: The Case of Telecommunications," with G. Knieps, *Administrative Law Review* (October 1983).
112. "The Differential Effect of Airline Regulation on Individual Firms and Markets: An Empirical Analysis," *Journal of Law and Economics* (October 1983).
113. "Assessing the Profitability Effects of Airline Deregulation," *Economics Letters* (November 1983).
114. "On Adjusting for Risk Changes when Assessing the Profitability Effects of Regulatory Changes," *Economics Letters* 10 (1983), pp. 369 374.
115. "Product Diversity, Fixed Costs and International Trade," with C. Lawrence, *Quarterly Journal of Economics*, No. 1 (February 1983), pp. 63 83.
116. "Uncertain Availability, Spatial Location and Regulation: An Application to the Airline Industry," *Managerial and Decision Economics*, Vol. 3, No. 2 (June 1982), pp. 57 69 (Invited paper).
117. "Analysis of R&D Failure," with M. Teubal, *Research Policy* 6 (1977), pp. 254-275.
118. "Methodological Aspects of Innovation Research," with R. Rothwell, J. Townsend and M. Teubal, *Omega*, Vol. 5, No. 4 (1977).

## GRANTS

2001-2002 - Center for Latin American Studies, UC Berkeley, grant for research on Argentina's Judiciary Institutions.

2000-2001 - University of California Energy Institute, grant for research on regulatory innovations in the electricity sector.

1999-2000 - Center for Latin American Studies, UC Berkeley, grant for research on Argentina's Institutions.

1996-1997 - University of California Energy Institute, grant for research on direct access in the electricity sector.

1996-1997 - University of California Pacific Rim Program, grant for research on The Institutional Foundations of Economic Reforms: The Cases of Chile and New Zealand.

1995-1997 - National Science Foundation grant for Research on Endogenous Telecommunications Regulation.

1995-1996 - Pittsburgh Center for Supercomputer, Grant for High Power Computing.

1995-1996 - University of California Energy Institute, grant for research on institutions and commitment.

1994-1995 - National Center for Supercomputer Applications, Grant for High Power Computing.

1992-1994 - National Center for Supercomputer Applications, PROBE Grant for High Power Computing.

1991-1993 - National Science Foundation Grant for Rational Models of the Supreme Court: A Study of the Certiorari Process.

1991 - Bradley Foundation Grant for a Conference on the Economics and Politics of Administrative Law and Procedures.

1991-1993 - National Science Foundation Grant for Empirical Models of Hub-and-Spoke Network Airlines, with J. Brueckner.

1990-1991 - National Science Foundation Grant for Rational Models of the Supreme Court.

1990-1991 - Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of Institutions.

1990 - Ameritech Research Project Grant for a Conference on the Economics and Politics of Administrative Law and Procedures.

1990-1991 - UIUC Campus Research Board Grant, for a project on "Rational Choice Models of the Supreme Court".

1990 - University of California, Institute of Government, Grant for Research on Political Economy.

1989-1990 - Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of Institutions.

1989-1990 - Ameritech Research Fellowship, University of Illinois.

1989-1990 - UIUC Campus Research Board Grant, for a project on "Competition and Entry in the Deregulated Airline Industry: A Renewal".

1988-1989 - Ameritech Research Fellowship, University of Illinois.

1988-1989 - Ameritech Research Project Grant for the Illinois Seminar on the Political Economy of Institutions.

1988-1989 - UIUC Campus Research Board Grant, for a project on "Competition and Entry in the Deregulated Airline Industry".

1986-1987 - Center for Economic Policy Research Grant, Stanford University.

1983-1984 - Tinker Postdoctoral Fellowship at the Department of Economics of the University of Chicago.

1981-1983 - Wharton Center for International Management Studies Research Grant.

1981 - Young Faculty Fellowship Award, University of Pennsylvania.

1979-1980 - Center for the Study of the Economy and the State, Ph.D. Dissertation Research Grant.

1979-1980 - Ohlin Center for the Study of the Economy and the State Fellowship, University of Chicago.

1976-1979 - Lilly Fellowship, University of Chicago.

1975 - International Trade Workshop Fellowship, Hebrew University of Jerusalem.

1974 - Dean's Excellence List, Hebrew University of Jerusalem.

1973 - Dean's Excellence List, Hebrew University of Jerusalem.

## CONFERENCES AND WORKSHOPS (ORGANISER)

"Berkeley-Paris Workshop on Economics of Organization," Paris, Spring 2016.

"Berkeley-Paris Workshop on Economics of Organization," Berkeley, Spring 2017.

"Berkeley-Paris Workshop on Economics of Organization," Berkeley, Spring 2015.

"Economics of Contracts," Columbia Law School, Spring 2012.

"Institutional Analysis Workshop," University of California, Berkeley, 2012-2013.

ISNIE Annual Conference, Berkeley California, Spring 2009.

"Institutional Analysis Workshop," University of California, Berkeley, 1999-2010.

"Conference on Antitrust Policy for Dynamic Economies," Buenos Aires, April 1999.

"Conference on Positive Political Theories of Business Strategies", Marconi Center, 1998.

"Conference on Bureaucracy: Issues and Apparatus," Marconi Center, 1998.

"Workshop on Institutional Analysis," University of California, Berkeley, Fall 1996.

"Conference on Infrastructure Regulation in Mexico: II, ITAM, November 1996.

"Conference on Infrastructure Regulation in Mexico: I," ITAM, July 1996.

"Conference on Institutions and Commitment: The Case of Water Utilities in the Developing World," InterAmerican Development Bank, 1996.

Workshop on *Regulatory Reform in the Power and Telecommunications Sectors*, Ministry of Planning, El Salvador, March 1995.

"Private Investment in Infrastructure," Haas Symposium, Hong Kong, February 1995.

"Workshop on Electricity Regulation," Energy Regulatory Commission, Mexico City, July 1994.

"POWER Conference on Transmission Pricing," Oakland, May 1994.

"CRS-PRAIRIE Conference on Open Access to Transmission Networks," Oak Brook Hills, Chicago, May 1993.

"World Bank Conference on Regulations, Institutions and Economic Efficiency: II," San Diego, February 1993.

"Regulatory Policy Roundtable: Implications of the 1992 Clean Air Act Amendments," PRAIRIE, Urbana, November 1992.

"Regulatory Policy Roundtable: Demand Side Management," PRAIRIE, Chicago, October 1992.

PRAIRIE, Program for Research on American and International Regulatory Issues and Environment," Institute of Government and Public Affairs, University of Illinois, 1992.

"World Bank Conference on Regulations, Institutions and Economic Efficiency: I," Berkeley, June 1992.

"Workshop on Electricity Regulation in the Southern Cone," CERES, Montevideo, May 1991.

"Conference on The Economics and Politics of Administrative Law and Procedure, Allerton House, University of Illinois, 1991, published in the *Journal of Law, Economics and Organization*, Vol. 8, No. 1, 1992.

"Fulbright/CERES Conference on Institutions, Transaction Costs and Development," July 1990.

"Fourth Carleton Summer Industrial Organization Seminar," Ottawa, July 1990.

"Fulbright/CERES Symposium on the U.S. Deregulatory Experience," August 1989.

"Ameritech Lecture Series on Regulation," University of Illinois, 1988-.

"Conference on Empirical Approaches to Market Power," Federal Trade Commission, Summer 1988, special issue, *Journal of Law and Economics*, December 1989.

"Illinois Seminar on the Political Economy of Institutions," University of Illinois at Urbana-Champaign, 1987-.

"Working Papers Series on the Political Economy of Institutions," BEBR, University of Illinois, at Urbana-Champaign, 1987-.

"Conference on the Political Economy of Institutions," Hoover Institution, Stanford University, February 1986.

"Conference on the Economics of Organization," University of Pennsylvania, June 1984.

## **REFEREE WORK**

Journal of Political Economy	Economic Journal
Journal of Law and Economics	Research in Law and Economics
Journal of Law	Mathematical and Computer Modelling
Economics and Organization	American Bar Foundation Research Journal
Bell Journal of Economics	Journal of Policy Analysis and Management
Rand Journal of Economics	American Economic Review
Quarterly Journal of Economics	Transportation Journal
Economic Inquiry	Journal of Economic Development
National Science Foundation	International Review of Law and Economics
Tinker Foundation	Journal of Economics and Management Strategy
Review of Economics and Statistics	
International Journal of Industrial Organization	
Journal of Industrial Economics	
International Economic Review	

## PRESENTATIONS: 1986-2004

### I. CONFERENCES

- Regulations and Development, University of Illinois, Urbana-Champaign, April 2004.
- Special Lecture, Pontificia Universidad Católica, Quito, Peru, April 2004
- Annual Meeting of Argentine Economics Association, November 2003.
- Annual Meeting of the International Society for New Institutional Economics, Budapest, Hungary, September 2003.
- Conference in the honor of 50th Anniversary of FIEL, Buenos Aires, August 2003.
- Models of Separation of Powers, Washington University June 2003.
- Why Unbundling Fails, Ecole des Mines, Universite de Paris, Paris, June 2003.
- Institutional Foundations of Public Policy, ATOM, Universite Paris I, Paris, May 2003.
- Institutions and Regulation, Federal Communications Commission, March 2003.
- Antitrust Enforcement Conference, George Washington University, January 2003.
- Protecting Foreign investor Rights, FORUM, Buenos Aires, August 2002.
- Annual Meeting of IDEA, Infrastructure Development, Buenos Aires, Argentina, August 2002.
- Latin American Econometric Society Meetings, Sao Paulo, Brazil, July 2002.
- Conference on New Regulatory Developments, University of Brazilia, July 2002.

- Workshop on New Approaches to Spectrum Management, Federal Communications Commission, July 2002.
- Norwegian Ministry of Communications, Conference on Telecommunications Policy Reform, Bergen, Norway June 2002.
- Harvard Conference on Political Economy, June 2002
- IRIS Conference on Institutions and Development, Washington DC May 2002
- Yale Law School Conference on Corporate Governance and Development, May 2002
- Washington University, Constitutional Courts Conference, November 2001
- APSA Annual Conference, San Francisco, August 2001
- CIPPEC Conference on the New Latin American State, New York, August 2001
- Econometrics Society Meetings, Buenos Aires, July 2001.
- London Business School Conference on Telecommunications Strategy and Structure, May 2001.
- American Law & Economics Association Meeting, May 2001
- World Bank Conference on Electricity Restructuring, May 2001.
- InterAmerican Development Bank Annual Assembly, Seminar on Infrastructure, Santiago, Chile, March 2001
- Roundtable on Resolving Air Traffic Congestion, US Department of Transportation, Washington DC, October 2000.
- Conference on the Scientific Study of Judicial Politics, Columbus, OH, October 2000.
- Conference on Efficient Institutions for Efficient Markets, Institute of the Americas, University of California San Diego, October 2000.
- Knowledge Forum, Berkeley, September 2000.
- International Society for New Institutional Economics, Tübingen, September 2000.
- International Mutual Fund Institute, Annual Roundtable, Geneva, September 2000.
- International Telecommunications Society, Lausanne, September 2000.
- Annual Meetings of the American Political Science Association, Washington DC, September 2000.
- World Bank Conference on Institutions and Markets, Washington DC, July 2000.
- International Telecommunications Society, Annual Meeting, Buenos Aires, July 2000.
- Conference on Challenges to Telecommunications Reform, IADB, Tegucigalpa, Honduras, June 2000.
- Annual Meetings of the American Law & Economics Association, New York, April 2000.
- BRIE Conference on e-economy, UC Berkeley, April 2000.
- Inaugural Conference on Telecommunications Research and Policy, Quello Center for Telecommunications Research, Washington DC, April 2000.

- Summer Workshop on Institutions and Development, Cartagena, Colombia, April 2000.
- Conference on the Economics of Antitrust, IIR, Buenos Aires, Argentina, March 2000.
- Conference on the Economics of Courts, Harvard Law School, November 1999, Harvard University.
- Conference on Latin American Economies in the Long Run, November 1999, Princeton University.
- Annual Meetings of LACEA, Santiago Chile, October 1999.
- Annual Meetings of the International Society for New Institutional Economics, Washington DC, September 1999.
- XIIth Conference of the International Economic Association, Buenos Aires, August 1999.
- Conference on Institutional Aspects of Infrastructure Regulation, ORT University, Montevideo, August, 1999.
- Conference on the Future of Social Security, Montevideo, July 1999.
- Conference on the Design of Markets in Electricity and Water Sectors, FREE, Madrid, June 1999.
- Conference on New Developments in the Electricity Sector, San Salvador, June 1999.
- World Economic Forum, Santiago Chile, May 1999.
- Conference on Latin Aviation, Institute for International Research, Buenos Aires, April 1999.
- Conference on Electric Power Blackouts, ADEERA, Buenos Aires, April 1999.
- Fundación Gobierno & Sociedad, "Antitrust Policy for Dynamic Economies" April 1999.
- Catholic University of Chile, Keynote Lecture, Vice-Provost Research Conference, January 1999.
- Conference on Water Regulation, FENTOS, Buenos Aires, December 1998.
- World Bank, Competition Policy Conference, Antitrust in Utility Sectors, Washington, DC, December 1998.
- Office of the Chief of Cabinet, Conference on Utilities Regulation, Keynote Speech: Regulatory Challenges and Opportunities, Buenos Aires, December 1998
- Office of the Chief of Cabinet Argentina, Conference on Regulation of Utilities, Regulatory Challenges and Opportunities, Buenos Aires, December 1998
- Institute for International Research, Conference on Concessions and Privatization, Workshop on Design of Concessions, Buenos Aires, December 1998
- Institute for International Research, Conference on Concessions and Privatization, Keynote Speech: Concessions as Regulatory Contracts, Buenos Aires, December 1998
- University of Buenos Aires, Regulatory Advances in

Argentina, Buenos Aires, November 1998.

- Conference on Positive Political Theory of Business Strategies, Marconi Center, October 1998.
- IPEG, Conference on Energy Integration, Antitrust in Energy Sectors, Buenos Aires, October 1998.
- Latin America Economics Association, Invited Lecture on Institutions and Commitment, Buenos Aires, October 1998.
- IDEA, Regulatory Challenges and Opportunities, Mar del Plata, September 1998.
- Ameritech Telecommunications Consortium, Michigan, June 1998.
- American Law & Economics Association Annual Meetings, April 1998.
- Conference on "Institutional Development," Bogota, April 1998.
- Midwest Political Science Association Meetings, April 1998.
- JLEO Conference on "Bureaucracy", Marconi Center, April, 1998.
- POWER Conference, Berkeley, March 1998.
- Conference on "Gas, Power and Regulation in Latin America", Miami, March 1998.
- NBER Industrial Organization Conference, February, 1998.
- American Economic Association, January, 1998.
- Conference on Developments on Electricity Markets, Bogotá, November 1997.
- Conference on Judicial Politics, Georgia Tech, November 1997.
- Conference of the Latin America & Caribbean Economics Association, Bogotá, October 1997.
- Conference on Mexico Telecommunications Developments, September 1997.
- New Institutional Economics Conference, St. Louis, September 1997.
- Cato Conference on Telecommunications, September 1997.
- InterAmerican Development Bank, Conference on Utility Regulation in Latin America, September 1997.
- Conference on Macroeconomics in the XXI Century, Central Bank of Ecuador, August 1997.
- Conference on the Economics of Governance, St. Petersburg University, June 1997.
- American Law & Economics Association, Toronto, May 1997.
- NBER, Conference on Accumulation in Markets, Industries and Firms, May 1997.
- USAID/CIECA Conference on Telecommunications Reform, Costa Rica, April 1997.
- NBER, Industrial Organization Winter Meetings, February 1997.
- World Economy Laboratory, The Cartagena Conference, January 1997.
- American Economic Association, January 1997.
- Conference on Mexico's Infrastructure Regulation, ITAM, November 1996.

- IOFEST, Stanford University, October 1996
- InterAmerican Development Bank, Water Regulation Conference, August 1996.
- Conference on Property Rights to the Spectrum, Marconi Center, July 1996.
- Citizens' for a Sound Economy, Conference on Interconnection Policy, July 1996.
- The World Bank, Conference on Telecommunications Reform, July 1996.
- EPRI, Conference on Retail Market Strategies, San Diego, March 1996.
- National Bureau of Economic Research, Industrial Organization Conference, February 1996.
- InterAmerican Development Bank, Conference on Water Regulation, January 1996.
- American Economic Association Meetings, San Francisco, January 1996.
- Conference on the Future of Telecommunications, SNF, Bergen, Norway, November 1995.
- Firms, Markets and Organizations, Conference Celebrating the 25th Anniversary of Markets and Hierarchies, Berkeley, October 1995.
- Regulatory Frameworks for Infrastructure Sectors, Universidad de Chile/The World Bank, Santiago Chile, October 1995.
- ITAM Conference on Regulatory Issues in Latin America, Mexico City, September 1995.
- American Political Science Association, Chicago, August 1995.
- Northwestern Conference on Political Economy, Chicago, August 1995.
- Western Economic Association Meetings, San Diego, July 1995.
- Conference on the Reform of the California Constitution, Berkeley, June 1995.
- Conference on Technical Requirements for Electricity Open Access, June 1995.
- FIAS Conference on Private Sector Investment in Latin America, Santiago, Chile, May 1995.
- Conference on Positive Political Theory and the Law, Caltech, May 1995.
- World Bank Conference on Legal and Regulatory Environment, Washington, DC, May 1995.
- World Bank Conference on Regulation of Infrastructure Sectors, Washington, DC, April 1995.
- Stanford Conference on Network Pricing, Stanford, March 1995.
- Stanford Conference on the Reform of the California Constitutions, March 1995.
- World Bank Workshop on Institutional Economics, Washington, DC, November 1994.
- POWER Workshop on "Pool vs. Bilateral Electricity Transactions," Santa Rosa, November 1994.
- Conference on The Regulation of Privatized Utilities, organized by the Association of Public Service

Companies, Santiago, Chile, October 1994.

- Telecommunications Policy Research Conference, Salomons Island, Maryland, September 1994.
- Workshop on Electricity Regulation, Energy Regulatory Commission, Mexico City, July 1994.
- AEI Conference on Telecommunications Reform, June 1994.
- POWER Conference on Electricity Transmission, Oakland, May 1994.
- Annual Meetings of the American Law and Economics Association, May 1994.
- Stanford/Berkeley Workshop on Constitutional Design, Stanford, May 1994.
- World Bank Conference on Institutional Economics and Development, February 1994.
- NBER Conference on Industrial Organization, February 1994, Palo Alto.
- CITI conference on The Economics of Networks, New York, New York, November 1993.
- Second Conference of the Wallis Institute on Political Economy, Rochester University, October 1993.
- Telecommunications Policy Research Conference, Salomons Island, Maryland, October 1993.
- CRS-PRAIRIE Conference on Open Access to Transmission Networks, Oak Brook Hills, Chicago, May 1993.
- International Comparison of Electricity Regulation, Toulouse, France, May 1993.
- Annual Bank Conference on Development Economics, Washington, DC, May 1993.
- World Bank Conference on Regulations, Institutions and Economic Efficiency: II, San Diego, February 1993.
- Winter Meetings of the AEA, Anaheim, January 1993.
- Inaugural Conference of the Wallis Institute on Political Economy, Rochester University, November 1992.
- Conference on Privatization and Regulation in Latin America, University of Illinois, Urbana-Champaign, November 1992.
- Conference on Regulating Regulators, Duke Law School, November 1992.
- Conference on Empirical Methods in Industrial Organization, Toulouse, France, October 1992.
- Telecommunications Policy Research Conference, Salomons Island, October 1992.
- International Seminar on Deregulation, Brasilia, August 1992.
- World Bank Conference on Regulations, Institutions and Economic Efficiency, Berkeley, June 1992.
- NBER Spring 1992 Industrial Organization Conference, Cambridge.
- Innovative Approaches to Energy and Environmental Planning In California, POWER, Sacramento, April 1992.

- Public Choice and Economic Science Association Meetings, New Orleans, March 1992.
- Transmission Access Workshop, POWER, St. Helena, November 1991.
- Xth Annual Meetings of the Latin American Chapter of the Econometric Society, Punta del Este, Uruguay, August 1991.
- Annual Meetings of the Western Economics Association, Seattle, June 1991.
- First Annual Conference of the American Law and Economics Society.
- Conference on Political Economy of Regulation, Privatization and Deregulation, the World Bank, May 1991.
- Conference on Electricity Regulation in the Southern Cone, CERES, Montevideo, Uruguay.
- Conference on the Economics and Politics of Administrative Law and Procedure, Allerton House, May 1991.
- National Bureau of Economic Research Conference on Industrial Organization, Cambridge, April 1991.
- Annual Conference of the Public Choice Society and of the Economic Science Association, New Orleans, March 1991.
- Seminar on Airline Economics, Office of the Secretary of Transportation, Washington, DC, February 1991.
- Telecommunications Policy Research Conference, Airlie House, Virginia, September 1990.
- Annual Conference of the European Association of Research in Industrial Economics, Lisbon, September 1990.
- Annual Meetings of the European Economic Association, Lisbon, September 1990.
- Sixth World Congress of the Econometric Society, Barcelona, August 1990.
- Fourth Carleton Summer Industrial Organization Conference, Ottawa, July 1990.
- NBER Conference on Topics in Industrial Organization, July 1990.
- Western Economic Association Meetings, July 1990.
- CERES/Fulbright Conference on Institutions and Development, Montevideo, June 1990.
- Carnegie Mellon Conference on Political Economy, May 1990.
- Organization of Political Institutions, Yale Law School, April 1990.
- Understanding and Improving Public Decisionmaking, IGPA, April 1990.
- Energy Pricing, Columbia University, April 1990.
- NBER Conference on Political Economics, Boston, February 1990.
- AEA Winter Meetings, December 1989.
- Econometric Society Winter Meetings, December 1989.
- Fulbright/CERES Symposium on the U.S. Experience on Deregulation, August 1989.

- Carnegie Mellon Conference on Political Economy, discussant, May 1989.
- Constitution, Property Rights and Indian Economics, University of Montana, Summer 1989.
- Western Economic Association Meetings, Summer 1989.
- Econometric Society Summer Meetings, Ann Arbor, Summer 1989.
- AEA Winter Meetings, December 1988.
- Econometric Society Winter Meetings, December 1988.
- Econometric Approaches to Market Power, FTC, Washington DC, July 1988.
- Antitrust and Efficiency: 100 Years of the Sherman Act, University of California, Berkeley, October 1988.
- Deregulation and Technological Change, ITAM, Mexico City, October 1988.
- Carnegie Mellon Conference on Political Economy, May 1988.
- Econometric Society Winter Meetings, December 1987.
- Sequoia Institute Conference on Informal Markets, Washington, DC, October 1987.
- IDB Conference on Latin America in the Emerging Global Information Economy, Sao Paulo, Brazil, November 1987.
- Summer Meetings of the Econometric Society, Berkeley, August 1987.
- Carleton Summer Industrial Organization Conference, Carleton, July 1987.
- Latin American meetings of the Econometric Society, August 1987.
- Conference on Competition and Antitrust, GSB Stanford, June 1987.
- World Bank Conference on Trade in Services, Washington, DC, July 1987.
- Carnegie Mellon Conference on Political Economy, May 1987.
- Winter Meetings of the Econometric Society, New Orleans, December 1986.
- AEA meetings, New Orleans, December 1986.
- Eastern Economic Association Meetings, Philadelphia, April 1986.
- Conference on Politics of Insurance Crisis, San Francisco, 1986.
- Econometric Society Meetings, July 1986.
- World Bank Conference on Trade Liberalization, Lisbon, August 1986.
- Conference on Public Utility Regulation, UC Berkeley, 1986.
- Conference on Productivity, CERES, Uruguay, 1986.
- Latin American Meetings of the Econometric Society, August 1986.
- World Bank Conference on Trade Liberalization, Bahia, Brazil, August 1986.

## II. WORKSHOPS AT INSTITUTIONS

- Georgetown School of Business, May 2004.
- Ecole de Mines, Paris, May 2003.
- University of Washington, Economics and Political Science Workshop, February 2003.
- UCB Institutional Analysis Workshop, October 2002
- Universidad San Andrés, Department of Economics, August 2002.
- UCSD School of International & Pacific Studies, February 2002
- Law & Economics Workshop, University of Chicago Law School, April 2001.
- Collective Choice Workshop, Stanford University, October 2000.
- University of California, Institutional Analysis Workshop, October 2000.
- University of Michigan Business School, October 2000.
- University of California, Center for Latin American Studies, September 2000.
- Fundación Gobierno y Sociedad, Buenos Aires, June 2000.
- Transportation Research Council, Washington DC, April 2000.
- Columbia University Law School, New York, April 2000.
- University of California Energy Institute, November 1999.
- University of California, Berkeley, Institutions Seminar, September 1999.
- Universidad San Andrés, Department of Economics, July 1999.
- Universidad de Chile, Department of Economics, June 1999
- Central Bank of Uruguay, Privatization of Pension Plans, May 1999.
- University CEMA, Department of Economics, April 1999.
- University of San Andrés, Department of Economics, March 1999.
- Universidad de San Andrés, Center for Institutional Development, March 1999.
- FGS, Buenos Aires, Telecommunications Reform, March 1999.
- University of San Andres, Buenos Aires, Institutional Foundations of Argentina's Economic Growth, November 1998.
- Fundación Libertad, Rosario, September 1998.
- FGS, Buenos Aires, Regulatory Challenges, October 1998.
- FGS, Buenos Aires, Institutional Innovations in Electricity Markets, September 1998
- ITAM, Mexico, February 1998.
- University of California Energy Institute, October 1997.
- Institute of Applied Economics, Autonomous University of Barcelona, June 1997.
- ATOM, University of Sorbonne, Paris, June 1997.
- Law and Society Workshop, University of California, Berkeley, May 1997.
- Industrial Organization Workshop, University of California, Los Angeles, February 1997.

- Industrial Organization Workshop, University of California, Berkeley, September 1996.
- Workshop on the Economics of Institutions, University of California, Berkeley, October 1995.
- Yale Law School Law, Economics and Organizations Workshop, September 1995.
- Norwegian School of Business, Bergen, June 1995.
- Power System Engineering Research Consortium Workshop, April 1995.
- Legal Studies Workshop, University of California, Berkeley, April 1995.
- Industrial Organization Workshop, University of California, Berkeley, April 1995.
- Workshop on the Economics of Institutions, University of California, Berkeley, April 1995.
- Marketing Workshop, University of California, Berkeley, February 1995.
- Technical Workshop on Bilateral Contracting, California Public Utilities Commission, January 1995.
- Federal Communications Commission, October 1994.
- California Energy Institute, University of California, Berkeley, September 1994.
- Institute for Policy Reform, Washington, DC, July 1994.
- Positive Political Theory Workshop, University of California, Berkeley, February 1994.
- Interdisciplinary Seminar, University of California, Berkeley, November 1993.
- Industrial Organization Workshop, Washington University, St. Louis, January 1993.
- Management and Strategy Workshop, Kellogg Graduate School, November 1992.
- Industrial Organization Workshop, Yale University, November 1992.
- Industrial Organization Workshop, Texas A&M, October 1992.
- Political Sciences Workshop, University of California, San Diego, May 1992.
- Claremont Graduate School, March 1992.
- Industrial Organization Workshop, University of California, Berkeley, February 1992.
- QSPS Seminar, University of California, Berkeley, November 1991.
- John Hopkins University, November 1991.
- University of Southern California, Los Angeles, October 1991.
- University of Illinois, Champaign-Urbana, October 1991.
- University of California, Los Angeles, September 1991.
- University of California, Berkeley, September 1991.
- Universidad de San Andrés, Buenos Aires, September 1991.
- Merriam Laboratory for Analytical Research in Political Sciences, May 1991.

- George Mason University, February 1991.
- University of California, Irvine, November 1990.
- University of California, San Diego, May 1990.
- Vanderbilt University, April 1990.
- University of Pennsylvania, April 1990.
- Indiana University, March 1990.
- MIT, Industrial Organization Workshop, February 1990.
- Purdue University, February 1990.
- Hoover Institution Collective Choice Seminar, January 1990.
- University of California Berkeley, Fall 1989.
- Joint University of Southern California/UCLA, Fall 1989.
- University of Rochester, joint Economics and Political Sciences, Fall 1989.
- University of Chicago, IO Workshop, Fall 1989.
- University of Chicago, Economic History Workshop, Fall 1989.
- University of Chicago, Public Policy Workshop, Fall 1989.
- University of Illinois Law School, Spring 1989.
- Latin American Center, UIUC, Spring 1989.
- University of California, Santa Barbara, IO Workshop, Spring 1989.
- University of Arizona, IO Workshop, Spring 1989.
- UCLA, IO Workshop, Spring 1989.
- Hoover Institution, Collective Choice Seminar, Winter 1989.
- University of California, Berkeley, IO Workshop, Fall 1988.
- Claremont McKenna College, IO Workshop, Fall 1988.
- USC/Caltech joint Econometrics Workshop, Fall 1988.
- University of Miami, Florida, Fall 1988.
- Carleton University, IO Workshop, Ottawa, Fall 1988.
- Toronto University, IO Workshop, Fall 1988.
- University of Chicago, IO Workshop, Fall 1988
- World Bank, Fall 1988
- Merriam Laboratory Workshop, U of I, 1987
- UC Berkeley, IO Workshop, 1987.
- Northwestern University, IO workshop, 1987.
- FTC, 1987
- Justice Department, Washington, DC, 1987
- University of Maryland, IO Workshop, 1987.
- UC San Diego, Applied Micro Workshop, 1987.
- Graduate School of Business, Stanford, 1987.
- University of California, Los Angeles, 1987.
- University of Washington, 1986.
- University of Illinois, 1986.
- University of California, Davis, 198

