

## Judith Mariscal

---

### **:: EDUCATION**

#### **PhD. in Public Policy**

LBJ School of Public Affairs, University of Texas at Austin.  
Austin, Texas. (1992-1998)

#### **Masters in International Economics and Politics**

Center of Research and Teaching Economics, AC. (CIDE)  
México, DF. (1985-1987)

#### **Bachelors in Economics**

Instituto Tecnológico Autónomo de México (ITAM)  
México, DF. (1978-1981)

---

### **:: ACADEMIC APPOINTMENTS**

#### **January 2018 - to date**

Founder and Executive Director  
Center of Digital Policy for Latin America,  
Mexico City, Mexico

#### **September 1995 – to date**

Research-Professor  
Center of Research and Teaching Economics, AC. (CIDE)  
Mexico City, Mexico

#### **August 2001 - 2017**

Founder and Director  
Telecommunications Research Program (Telecom-CIDE)  
CIDE  
Mexico City, Mexico

#### **June - August 2008**

O’Gorman Fellow  
Columbia University  
New York, United States

#### **August, 2002 – June, 2005**

Chair of Division of Public Administration

CIDE  
Mexico City, Mexico

**June - August 2003**

Invited Researcher in the MIT-Media Lab  
Massachusetts Institute of Technology (MIT)  
Cambridge MA.

**September, 1987 - 1992**

Associate Professor  
Institute of United States' Studies  
CIDE  
Mexico City, Mexico

**July - August 1989**

Research Fellowship, Seminar on United States History  
LBJ School of Public Affairs  
The University of Texas at Austin  
United States

**September, 1982 - 1984**

Research Assistant  
Center of Economic Studies (CEE)  
Colegio de México  
Mexico City, Mexico

---

**:: DISTINCTIONS**

2014 - to date      Associate Editor, Information Technologies & International  
Development. Annenberg University Press, Estados Unidos  
2009- to date SNI - Level 3

2018 Winner of the Cyber Policy Centers for the Global South contest organized  
by the International Development Research Center (IDRC)

2018 Chairman of the Area V Committee (Social Sciences) National System of  
Researchers (SNI) CONACYT

2018 Leader of the policy brief for the Task Force on Inclusion Digital and Gender  
Equity, T20 part of the G20, University of San Andrés, Argentina

2015 - 2018 Member of the Commission of area V (Social Sciences) of the  
National System of Researchers (SNI) of CONACYT

2015 Acceptance of two-year research in top journal.

- 2013 External dictaminator, Communications & Strategies
- 2013 Speaker at the Inter-American Development Bank
- 2013 CIDE Editorial Committee
- 2013 Panelist at Capitol Hill, Washington D.C.
- 2013 Member of the Senior Program Committee, United States.
- 2013 Invited editor of *Info. Special Issue*, Vol. 15, No. 3, United States.
- 2013 Speaker at the Senate of the Mexican Republic, Mexico
- 2013 Member of the Academic Pairs Committees, CONACYT Mexico
- 2012 National Book Reviewer
- 2012 CIDE Teaching Committee
- 2012 Invited Editor of Special Issue in *Journal of Information Policy*, United States.
- 2011 Member of the Paper Selection Committee TPRC 2011
- 2011 CONACYT Dictaminator 000000000167963
- 2011 International Conference Speaker Dictaminator ICTD 2011
- 2011 Evaluator CONACYT, Mexico
- 2010 Dictaminador of the Editorial Board of the Division of Social Sciences and Humanities of the UAM
- 2010 Dictaminator of the journal *Gestión y Política Pública*
- 2010 Dictaminator CONACYT Project 000000000136576
- 2010 Member of the First Advisory Council of COFETEL. Mexico, Federal Commission of Telecommunications
- 2010 Member of the Academic Council, CIDE
- 2009 Dictaminator CONACYT Project 000000000106390
- 2009 Dictaminator CONACYT Project 000000000109807
- 2009 UAM Dictaminator
- 2009 Member of the Research Proposal Selection Committee
- 2009 Member of DIRSI's Steering Committee
- 2009 Member of the Research Network Advisory Council CPR LATAM (formerly ACORN)
- 2009 Member of the INFOTEC Scientific Committee, Mexico
- 2009 Member of the Advisory Board of the *Handbook of Research on Overcoming Digital Divide*. United States, IGI Global
- 2008 Recipient of the Fund for the conduct of the Wireless Communications for Mexico initiative
- 2008 CIDE Working Papers Dictaminator
- 2007 Member of the Program Committee, *Telecommunications Policy Research Conference (TPRC)* Washington, D.C.
- 2007 Coordinator of the Regional Project: Wireless Connectivity in Rural Communities in Latin America
- 2007 Inclusion in the Who is Who in the World Directory
- 2006 Member of the Steering Committee AMITI-IMCO, Mexico
- 2006 Social Witness designated by Transparencia Mexicana A.C.
- 2005 Invited Editor of *Telecommunications Policy: Telecommunications in Latin America*, Vol. 29, Issues 5-6. June - July

- 2003 Guest Editor for the update of the book: "Telecommunication Policies in the Americas"
- 2000 Project Financing Reinventing Markets: Telecommunications Reform in Latin America
- 2000 Recognition and support for the CIDE Telecommunications research programme
- 

## :: CONTRIBUTIONS

- 2013 Dictaminator CONACYT, Project 000000000204529
- 2012 CONACYT Dictaminator 000000000182295
- 2011 Arbitration in the project 000000000154701
- 2009 Dictaminator in Information Technologies & International Development (ITID)
- 2009 Dictaminator of international Journal of Telecommunications Policy
- 

## :: PUBLICATIONS

### *Academic Articles*

- 2020 A tale of two reforms: Telecommunications reforms in Mexico. *Telecommunications Policy*, Vol. 44, No.7, 1-30. <http://doi.org/10.1016/j.telpol.2020.101942>
- 2020 A State-led Model of Financial Inclusion Through Mobile Services. *Information Technologies and International Development*. Vol. 16, 20-31. (with Daniel Rojas-Lozano)
- 2018 Bridging the Gender Digital Gap. *Economics, The Open-Access, Open-Assessment E-Journal*. (with Aneja, U., Mayne, G. y Sorgner, A.) <http://dx.doi.org/10.5018/economics-ejournal.ja.2019-9>
- 2016 Mariscal, J; Benítez, L; Martínez, A. The informational life of the poor: A study of digital access in three Mexican towns. *Telecommunications Policy*, 40(7), 661-672. <https://doi.org/10.1016/j.telpol.2015.11.001>
- 2013 One Goal, Different Strategies: An Analysis of National Broadband Plans in Latin America. *Info. Special Issue*, Vol. 15, No. 3. (with Galperín, H. and Vicens F.)
- 2013 New Directions For Telecommunications Policy Research in Latin America. *Info*, Vol.15. (with Galperín, H. and Vicens F.)
- 2012 Impactos del gobierno electrónico en los programas sociales de transferencia condicionada de renta. *CEPAL Exclusión financiera y TIC*. (with Lepore, W. and Carvalho, M.)

- 2012 e-Salud en México: antecedentes, objetivos, logros y retos. *Espacios Públicos*, 15(34), Mayo-Agosto. (with Gil-García, R. and Ramírez, F.)
- 2012 Oportunidades y Desafíos de los Planes Nacionales de Banda Ancha en América Latina. *CEPAL*. (with Galperín, H. and Viéens F.)
- 2012 Institutional Connectivity: The Case of Mexico. *Information Technologies & International Development*, 8(4), (Special Bilingual Issue: Research on ICT 4D from Latin America). ISSN: 1544-7529. (with Brambila, C.)
- 2011 Policies on Access to Information Technologies: The Case of e-México. *Information Technologies & International Development*, 7(2). (with Gil-García, J. y Aldama, A.)
- 2010 The Enigma of Mobile Money Systems. *Communications & Strategies DigiWorld Economic Journal*, no. 79. (with Flores-Roux, E.)
- 2010 Gobierno electrónico en México: Antecedentes, objetivos, logros y retos. *Revista Buen Gobierno*, no. 8. (with Gil-García, J. and Ramírez, F.)
- 2009 Employment and Youth Inclusion into the Labor Force via Training in Information and Communication Technologies (ICTs): The Cases of Brazil, Colombia and Mexico. *Information Technologies & International Development*, 5(2), pp. 19-30.
- 2009 Market Structure and Penetration in the Latin American Mobile Sector. *Journal of Policy, Regulation and Strategy for Telecommunications*, 11(2).
- 2008 Convergencia tecnológica y armonización regulatoria en América Latina: evolución reciente y tendencias. *CEPAL – DIRSI*.
- 2008 Capacitación en tecnologías de la información, TICs, empleo y jóvenes: los casos de Brasil, Colombia y México. *Center for Information & Society, Instituto de Estudios Peruanos*. (with Gutiérrez, L. and Bothelo, J.).
- 2007 Oportunidades Móviles: Pobreza y Acceso a la Telefonía en América Latina y el Caribe: el Caso de México. *DIRSI*.
- 2007 Regulación y Competencia en las Telecomunicaciones Mexicanas. *Estudios y Perspectivas CEPAL*. (with Rivera, E.)
- 2007 Mobile Opportunities: Poverty and Telephony Access in Latin America and the Caribbean. *DIRSI*. (con Galperin, H.)
- 2006 Mobile Communications in Mexico in the Latin American Context. *Information Technologies and International Development*, 3(2). (with Rivera, E.)
- 2005 Online publication of the series of case studies of the Institute for Connectivity in the Americas (ICA). Montevideo, Uruguay.
- 2005 Organización Industrial y Competencia en las Telecomunicaciones en América Latina: estrategias empresariales. *Series de Documentos de Desarrollo Productivo. CEPAL*. (con Rivera, E.)
- 2005 New Trends In the Latin American Telecommunications Market: Telefónica y TELMEX. *Journal of Telecommunications Policy*, 29(9-10). (con Rivera, E.)
- 2005 Digital Divide in a Developing Country. *Journal of Telecommunications Policy*, 29(5-6).
- 2005 New market scenarios in Latin America. Digital Poverty: Latin America and Caribbean Perspectives. (con Bonina, C y Luna, J.)
- 2004 Telecommunications Reform in Mexico from a Comparative Perspective. *Journal of Latin American Politics and Society*, 46(3), pp. 83-114.

2003 La Participación Ciudadana en la Era Digital: La Experiencia Inicial de México

<http://www.icamericas.net/index.php?module=htmlpages&func=display&pid=319#Cases>. Online publication of the series of case studies of the Institute for Connectivity in the Americas (ICA). Montevideo, Uruguay.

1998 La Reforma en el Sector de las Telecomunicaciones en México: un Enfoque de Economía Política. *Política y Gobierno*, 2(1), CIDE.

*Articles and documents in progress: in edition or under review*

2020 El Regreso del Estado: El caso de la red móvil mayorista en México. *Revista Mexicana de Ciencias Políticas y Sociales*

*Books*

2016 *Internet y pobreza: evidencia y nuevas líneas de investigación para América Latina*, México: CIDE. (With Galperin, H.) ISBN 9786079367855

2014 *Licitación 21: Lecciones de Política Pública en Telecomunicaciones*. CIDE, ISBN: 978 607 9367 13-8 (editor) ISBN 9786079367138

2009 *Pobreza Digital: Perspectivas de América Latina y el Caribe*. CIDE, ISBN: 9789687420554. (editor with Galperin, H.)

2009 *Pobreza digital: Perspectivas para América Latina y el Caribe*. (with Galperin, H) México: CIDE.

2005 *El libro azul: políticas de telecomunicaciones para las Américas*. CITEL/UIT. ISBN 0827049072

2002 *Unfinished Business: Telecommunications Reform in Mexico*. Praeger Press. Westport, CT. United States, ISBN: 0275973913

2001 *Para Evaluar al TLCAN*. Editorial Miguel Ángel Porrúa. México DF. ISBN: 970-701-083-5. (editor with Borja, A. and Valverde, M. A.)

*Book Chapters*

2020 Chapter "The Case of the Wholesale Mobile Network in Mexico: Red Compartida" in *Frequencies International Spectrum Policy*, ISBN 9780228001775. Montreal: McGill-Queen's University Press.

2017 Foreword. In Noveck, Beth. *Ciudadanos inteligentes, Estado más inteligente. Las tecnologías del conocimiento y el futuro de gobernar*. México: CIDE. Spanish translation of *Smart Citizens, Smarter State: The Technologies of Expertise and the Future of Governing*

2017 Inclusión digital y banda ancha: los retos para un gobierno digital de segunda generación. (con Rentería, C.). In J. Ramón Gil-García, J. Ignacio Criado and Juan Carlos Téllez (coordinators): *Tecnologías de Información y Comunicación en la Administración Pública: Conceptos, Enfoques, Aplicaciones y Resultados*, Mexico: INFOTEC. ISBN 9786077763246

2016 La vida informacional de los pobres: Un estudio etnográfico en México. (with Martínez, M.A.). In Galperin, H. and Mariscal, J.: *Internet y pobreza*:

- evidencia y nuevas líneas de investigación para América Latina*, México: CIDE. ISBN 9786079367855
- 2016 Inclusión digital y banda ancha: los retos para un gobierno digital de segunda generación. (with Rentería, C.). In J. Ramón Gil-García, J. Ignacio Criado and Juan Carlos Téllez (coordinators): *Tecnologías de Información y Comunicación en la Administración Pública: Conceptos, Enfoques, Aplicaciones y Resultados*, Mexico: INFOTEC.
- 2015 Teoría de la regulación: hacia nuevas líneas de investigación. In Flores-Roux, Ernesto (coordinator): *Investigación en Telecomunicaciones*, Collection ¿Hacia dónde va la ciencia en México?, no. 16, México: Consejo Nacional de Ciencia y Tecnología.
- 2015 Mobile Communications in Mexico in the Latin American Context. In Zheng Yan (Ed.) *Encyclopedia of Mobile Phone Behavior*. Hershey, PA: IGI Global.
- 2015 Los retos que enfrenta la Reforma en Telecomunicaciones. In Adrián Gallardo & Luz María de la Mora (Eds.) *Reforma de Telecomunicaciones y Competencia Económica. México más productivo y más competitivo*. Mexico City: Fundación Colosio.
- 2014 La Reforma de Telecomunicaciones y los Estados. (with Rentería, C.) In Juan Pardinás (Ed.) *Las reformas y los estados. La responsabilidad de las entidades en el éxito de los cambios estructurales*. Mexico City: IMCO.
- 2014 Mobile Communications in Mexico in the Latin American Context. In Yan, Zheng (Ed.) *Encyclopedia of Mobile Phone Behavior*. IGI Global: Hershey, PA.
- 2014 Introducción. In Judith Mariscal (Editor). *Análisis Económico y Jurídico de la Licitación 21*. CIDE. 2014.
- 2014 The Democratization of Internet Access throughout Mobile Adoption in Latin America. (with Gamboa, L. and Rentería, C.) In Gerard Goggin and Larisa Hjorth (eds.) *Routledge Mobile Media Companion*. Routledge-London.
- 2013 Los Planes Nacionales de Universalización. (with Galperín, H. and Viéens, F.) In Valeria Jordán, Hernán Galperín y Wilson Peres (Eds.) *Banda ancha en América Latina: más allá de la conectividad*. CEPAL-DIRSI.
- 2013 Implementation of Information and Communications Technologies for financial inclusion in programs to alleviate poverty in Brazil, Colombia and Mexico. (with Rentería, C.) In José Ramón Gil-García (ed.) *E-government Success Factors and Measures: Concepts, Theories, Experiences, and Practical Recommendations*. IGI Global: Hershey, PA.
- 2012 Cloud Computing in México: Prospects and Challenges for the Public and the Private Sectors. (with Gil-García, J. R.) In Peter Cowhey & Michael Kleeman (eds.) *Unlocking the Benefits of Cloud Computing for Emerging Economies – A Policy Overview*. San Diego: UCSD.
- 2012 Nuevo institucionalismo y regulación. En Merino Mauricio y Guillermo Cejudo (compilators): *Problemas, decisiones y soluciones. Enfoques de políticas públicas*, Mexico: CIDE.
- 2011 The Opportunities and Challenges of Mobile Broadband. (with Flores-Roux) In Jordán Valeria, Hernán Galperín & Peres Wilson (Editors) *Fast-tracking the Digital Revolution: Broadband for Latin America and The Caribbean*. Santiago de Chile, Naciones Unidas y DIRSI, p 183 - 207.

- 2010 Oportunidades y desafíos de la banda ancha móvil. (with Flores Roux, E.) En Jordán Valeria; Galperin, Hernán y Peres Wilson, *Acelerando la Revolución Digital: banda ancha para América latina y el Caribe*. Santiago de Chile, Naciones Unidas y DIRSI, p 183 - 209.
- 2009 Nuevos escenarios de mercado en América Latina. (with Luna, J. and Bonina, C.) In Hernán Galperin y Judith Mariscal (eds) *Pobreza digital: Perspectivas para América Latina y el Caribe*. Mexico: CIDE.
- 2009 Mobile Opportunities: Poverty and Mobile Telephony in Latin America and the Caribbean. The Case of Mexico. In Mireia Fernández-Ardevol and Adela Ros Híjar (eds). *Communication Technologies in latin America and Africa: A multidisciplinary perspective*, Barcelona: Universitat Oberta de Catalunya, Barcelona.
- 2009 Agendas públicas e instrumentos de la regulación con miras a la convergencia en países seleccionados de la región. (with Nicolai, C., Galperin, H. and Barrantes, R.) In Marcio Wohlers and Martha García-Murillo (eds.) *In REDos: "Regulación y estrategias corporativas frente a la convergencia tecnológica,"* CEPAL-Mayol Editions.
- 2009 Mobiles for Development: The Case of M-Banking. In Erico Ferro, Yogesh K. Dwivedi, José Ramón Gil and Michael D. Williams (eds) *Handbook of Research on Overcoming Digital Divides: Constructing an Equitable and Competitive Information Society*. Information Science Reference.
- 2008 *Mobile Communication in Mexico: Policy and Popular Dimensions*. (with Bonina, C.) James Katz (ed) *Handbook of Mobile Communication Studies*, The MIT Press.
- 2008 E-Gobierno. (with Gil, J. R. y Ramírez, F.) In *Investigación sobre las políticas y estrategias de informatización en México*. National Information Society Agency (Corea) and Sistema Nacional e-México.
- 2008 E-Salud. (with Gil, J. R. and Ramírez, F.) In *Investigación sobre las políticas y estrategias de informatización en México*. National Information Society Agency (Corea) and Sistema Nacional e-México.
- 2007 New Market Scenarios in Latin America. (with Boninam C. and Luna, J.) In *Digital Poverty: Latin American and Caribbean Perspectives*. DIRSI-IDRC. Montevideo, Uruguay.
- 2001 Telecomunicaciones en el TLCAN: Una Oportunidad Perdida. In *Para Evaluar el TLCAN*. Editorial Miguel Ángel Porrúa. Mexico City. 2001.
- 1992 La Industria Siderúrgica de Norteamérica ante el TLC en México y el Tratado Trilateral de Libre Comercio. Eduardo Andree y Georgina Kessel (eds.) , p. 127-162, (with Fernández de Castro, R.) McGraw Hill, United States.
- 1989 La Década de los ochenta: acontecimientos en la economía mundial. In Estancamiento económico y crisis social en México. (with Talavera, R.) Jesús Lechuga and Fernando Chávez (eds.), p. 17-46. UAM, Azcapotzalco, Mexico.

#### Conference Memoirs

2014 - 2018 Annual CPR LATAM Conference Proceedings.

2012 Special Issue. Papers from the 2011 Telecommunications Policy Research Conference. Journal of Information Policy. (Guest Editor).  
2002 Report of the "International Forum on the Reform of the Federal Communications Law". Telecommunications Research Program, CIDE.  
2000 Memory of the "First International Meeting of Telecommunications", CIDE.

---

## **:: PROJECTS DIRECTED BY CENTRO LATAM DIGITAL (in progress)**

The Digital Latam Center (CLD) is a research center that generates knowledge, strengthens technical capacities and promotes dialogue on the access and adoption of information and communication technologies (ICT) for economic, political and social development in Latin America. Centro Latam Digital has four main areas of research: digital innovation; digital rights; cybersecurity, and gender as a cross-cutting issue.

Funded by: IDRC (Government of Canada)

### **Research area in Digital Innovation**

#### **Future of work**

Research on how new technologies (artificial intelligence, digitalization, robotics) impact labor markets in the Global South, from the automation of tasks to changes in the type of labor relations. Identify the necessary capacities to face these phenomena and propose policy recommendations that help to increase the benefits and reduce the risks of this labor transformation.

#### **Prospera Digital**

Design mechanisms to reduce the dispersion of cash supports and increase the number of beneficiaries who receive their payments through electronic transfers; today, 80% receive it in cash. A migration process was designed for electronic payments through cell phones that included pilot programs with control groups.

Partners: Women's World Banking (United States), Behavioural Insights Team (United Kingdom) Funded by: IDRC (Government of Canada), Prosperity Fund (Government of the United Kingdom)

### **Research area Digital Rights**

Studies on privacy and data protection in Latin America.

### **Research area Cybersecurity**

Cybersecurity study to evaluate effectiveness of readiness indexes against cyber attacks at the subnational level. In a first stage, a study will be applied in Mexico City and Cali. Project in partnership with Oxford, OAS, IDB, and UNAM.

### **Other research topics**

#### ***Digital Agency for Mexico***

Governance and sustainability analysis of the National Digital Strategy Coordination of the Office of the Presidency of the Republic of Mexico and Lessons for the Administration of Andrés Manuel López Obrador

Funded by: Inter-American Development Bank

Research leader 2018 - to date

***Smart urban resilience: Enabling citizen action in disaster risk reduction and emergency response***

Durham University & Newcastle University (UK) CIDE-CentroMet Consortium & Autonomous University of Guerrero  
Funded by: Newton Fund (United Kingdom).  
Co-Coordinator. 2019

***Latin American Journal of Digital Economy***

Creation of a biannual academic journal, intended to disseminate original research articles in the areas of telecommunications regulation, ICTs, digital ecosystem, information society, future of work. Funded by: Center for Telecommunications Studies of Latin America (cet.la), Development Bank of Latin America (CAF); CPR LATAM  
Project leader, 2018 - to date

**Selected projects (completed)**

Governance and sustainability analysis of the National Digital Strategy Coordination of the Office of the President of the Republic of Mexico: Lessons for the administration of Andrés López Obrador. Document prepared for the Inter-American Development Bank, 2018.

Impact of cloud computing on productivity in the SME, financial, health and government sectors in Mexico. Document prepared for Microsoft Mexico, 2018.

PIRCE: Interdisciplinary Program of Regulation and Economic Competition of the CIDE.

---

Project leader 2014-2016

TELECOM-DATA database.  
Designer, 2003-2017

Research Program in Telecommunications and Information Technologies,  
Telecom-CIDE.  
Founder and Director, 2001 - 2017

Spectrum Assignment in Mexico: The case of a market transaction in Band 2.5  
Expert opinion, 2016

Analysis of the federal regulations for the Federal Institute of Telecommunications  
(IFT)  
Project leader, 2015

Broadband Policy and Implementation of the Mexican Telecommunication Reform  
in Mexico: Learning from International Practices. AT & T  
Collaborator with Andrea Renda, 2015

Impact Assessment of the Barared Case, Mexico. Inter-American Development  
Bank, IDB  
Collaborator with Hernán Galperín, 2015

Analysis of legal provisions on economic competition and its connection with other  
provisions provided in the legal frameworks applicable to telecommunications and  
broadcasting. IFT  
Project leader, 2015

Successful Cases in m-health and e-health in Latin America. *Unión Internacional  
de Telecomunicaciones*, 2014 (with Rentería, C.)

Lecciones de Gestión Pública en e-salud: el caso del Sistema de Telemedicina de  
Nuevo León. *e-salud México*, Vol. 1 No. 1. (with Rentería, C. and Arteaga, R.),  
2014

---

Information Networks and Social Inclusion for Women and the Youth in Latin America. IDRC.

Project leader, 2014

Consultancy for the definition of a technical and economic model for the sharing of infrastructure in the deployment of broadband networks. Andean Development Corporation, Development Bank of Latin America, CAF. Venezuela.

Project leader with Analysis Mayson, 2014

Study on the market of open television services in Mexico. COFETEL.

Collaborator with Ernesto Flores-Roux and Fernando Ramírez, 2012

Digital Agenda and Electronic Platform: Diagnostic and prospective report. Transition team of the Administration of Enrique Peña Nieto, 2012

Specialized Advisory Service for the evaluation of the economic impacts in the mobile services industry in Mexico derived from the issuance of specific obligations for economic agents with substantial market power relevant to mobile retail services. IFT, 2012.

Evaluates and Decides: "Evaluation of the telecommunications reform initiative 2013". Espinosa Yglesias Study Center.

Evaluator, 2012.

Analysis of the Impact of the Study on the Availability of Connectivity in the Basic Education System of Mexico.

Project leader, 2012

National Network of Interurban Transport. Demand study of transmission capacity of long distance service. COFETEL

Project leader, 2011

Economic Analysis of the Regulation Strategy for Price Discrimination in the On / Off Net Markets of Mobile Services in Mexico. COFETEL, 2010

Training in employment and youth ICTs: the cases of Brazil, Colombia and Mexico. Project leader, March 2008. Center for information and Society, vol 22. pag. 1-105 (ISSN - 1544-4460)

Determinants of the economic and social effects of an interurban transmission network. COFETEL

Project leader, December 2008

Mobile Opportunities: poverty and telephone access. Regional survey for seven countries.

Project leader for the Mexico and Central America region. DIRSI, 2007

Creation of the "Regulatory Observatory of the Telecommunications Sector".  
Director, 2007

Survey "Poverty and Access to Cellular Telephony in Latin America and the Caribbean".  
Director of Research, Project Leader, DIRSI, ICA, IDRC, CIDE, 2007

Wireless Connectivity in Rural Communities of Latin America. International Development Research Center Coordinator of the Regional Project.  
Project leader, 2007

Evaluation of the program of the Ministry of Economy "Towards an Administration without papers". Ministry of Economy, Mexico.  
Project leader, 2006 - 2007

Technological convergence and regulatory harmonization in Latin America: recent evolution and trends. ECLAC - DIRSI.  
Project leader, 2006

Wifi: Wireless Connectivity and Innovation in rural communications in Latin America. IDRC  
Project leader for Latin America, 2006

TIES "Creation and integration of individual and institutional capacities through exchanges and applied research".  
Project leader, UCSD, QUALCOMM Inc, CICESE, USAID, 2006

"Public Policies for the Adequate Use of Information and Communication Technologies to Promote the Competitiveness of Mexico, A Vision to 2020". AMITI, CANIETI, CIDE, FMD, IMCO.  
Project leader, 2006

Digital Government Secretary of the Public Function, CIDE. 2005  
Project leader, 2005

Microsoft Education Alliance Mexico  
Project leader, 2005

---

## :: MEMBERSHIPS

---

**2016 – to date** Associate Editor, *Journal of Law and Regulation*.  
University of Brasilia, School of Law. Center on Law and Regulation.

**2014 – to date** Associate Editor, *Information Technologies and International Development (ITID)*. USC School for Communications and Development. USC Annenberg Press.

---

**2012 – to date** Senior Program Committee (SCP), *International Conference on Information and Communication*.

**2013** Guest Editor, *Info Journal*.

**2012** Guest Editor, *Journal of Information Policy*.

**2011 – 2012** Program Committee, *Telecommunications Policy Research Conference (TPRC)*.

**2009 – to date** Steering Committee, *Communication Policy Research Conference (CPR LATAM)*.

**2009 – To date** Steering Committee, *Regional Dialogue on the Information Society (DIRSI)*

**2008** Research Fellow, SIPA, University of Columbia.

---

## **:: TEACHING EXPERIENCE**

1998 - to date Public Economy and Regulation. Master in Administration and Public Policies, CIDE

2017 Diploma in Regulation, CIDE.

2016 Seminar on Regulation, CIDE.

2016 Digital Ecosystem Seminar, ITAM.

2016 Diploma in Regulation, Federal Judicial Institute.

2016 Diploma in Telecommunications and Economic Competition, Universidad Panamericana

2012 Workshop: Research and Telecommunications Policy Impact in Latin America.

2011 Regulation and Broadband, Diploma, CIDE.

2009- 2011 Seminar of Thesis VII, Master in Public Administration, CIDE.

2009 Political Regulation in Information and Communications, Master in Public Administration, CIDE.

2009 Connectivity and Convergence: Alternative Regulatory Strategies for Telecommunications, Specialty, CIDE.

2009 What is happening in the South? Connectivity and Convergence: Alternative Regulatory Strategies for Telecommunications. UCT Graduate School of Business, Cape Town South Africa

2007 Public ICT Policies for Microsoft of Mexico, Specialty.

2007 Information and Development Technologies, Specialty, CIDE.

2007 Laws regulations and computer policy regulations information systems in the Mexican context. Master in Strategic Management of Information Technology and Communication INFOTEC.  
2006 Regulation and Public Administration, Master in Public Administration, CIDE.  
2006 Public Policies, Master in Public Administration, CIDE.  
2006 Seminar on Public Management, CIDE.  
2004 Methods for the Analysis of Public Policies, Master in Public Administration, CIDE.  
2004 Application of Public Policies, Master in Public Administration, CIDE.  
2003 Methods of Public Management, Master in Public Administration, CIDE.  
2003 Advanced Topics of Public Policy, Master in Public Administration, CIDE.  
2003 Research Seminar II, Master in Public Administration, CIDE.  
2003 Government and Comparative Public Institutions, Master in Public Administration, CIDE.  
1999- 2002  
Advanced Topics of Public Administration: Regulation: the case of Telecommunications, Master in Public Administration, CIDE.  
1998 Introduction to the Theory of Regulation, Master in Public Administration, CIDE.

---

## **:: MEMBERSHIPS**

### **(Current)**

Task Force on Economic Equity of Gender of the T20.

Editorial Committee of the Journal of Law and Regulation. University of Brasilia, School of Law Center on Law and Regulation.

Senior Editorial Committee of Information Technologies and International Development. USC School for Communications and Development. USC Annenberg Press.

Member and founder of the network of research centers, Communications Policy Research Latin America, and its annual conference; CPR LATAM.

Member of the Editorial Committee of CIDE

### **(Past)**

Research Network Regional Dialogue on the Information Society, DIRSI (2009-2018)

Associate Editor, Information Technologies and International Development (2014)

Advisory Council of the Federal Telecommunications Commission (2011-2013)

Review Committee. Regional International Telecommunications Society India (2012)

Editorial Committee Journal of Information Policy, JIP; Conference on Information and Communication Technologies and Development, ICDT (2012).  
Selection Committee of the ICT4D International Conference (2012)  
Review Committee. Telecommunications Policy Research Conference (2011)  
Editorial Board of the Division of Social Sciences and Humanities of the UNAM (2010)  
Review Committee of the magazine Gestión y Política. CIDE (2010)  
Committee of Telecommunications Policy (2009)  
Scientific Committee INFOTEC (2009).  
Mexican Competition and Regulation Network, CIDAC (2008)  
Steering Committee ICTs Research Network for America (2007)  
Opinion Committee Telecommunications Policy Research Conference (2007-2012)  
Scientific Committee North-South Integration Network's -RINOS- Conference (2007)  
Regional Fund for Digital Innovation in Latin America, FRIDA (2007-2009)  
Consultative Council Institute for Connectivity of the Americas, ICA (2004)

---

## **:: SEMINARS AND CONFERENCES**

2020 Panelist, Data for development: shaping future scenarios; Data colonization: lessons from the pandemic in Latin America, July 17, 2020 RightsCon  
2020 Participant, ITU Policy and Economics Colloquium IPEC 2020, October 5, 2020 ITU  
2020 Panelist, The Digital Divide: Pandemic Lessons and Solutions from Around the World, October 22, 2020 TPI Aspen Forum  
2020 Workshop participant, Data, AI and Society: Benefits, risks and challenges for using data and AI for development in the 21st century, March 9, 2020 ILDA IDRC  
2020 Panelist, Economic Impact of the Telecommunications Reform in México, February 11, 2020 Conectadas MX, Centro de Estudios Económicos  
2019 Panelist, Digital Citizenship Forum, January 23, 2019 House of Representatives Mexico; Rep. Javier Ariel Hidalgo Ponce Morena  
2019 Panelist, La agenda digital de México, desafíos y oportunidades, March 11, 2019 CAF  
2019 Panelist, Forum: "Datos para gobernar: transformando el sector público", April 30, 2019 Secretaría de Economía  
2019 Panelist, Panel on Financial Inclusion in the Global South, June 3 2019 Women Deliver Conference  
2019 Panelist, Privacy in employer-employee relationships; Decolonising Cyberpolicy; Designing a more inclusive digital economy, June 12, 2019 Rights Con  
2019 Panelist, TPRC47: Research Conference on Communications, Information and Internet Policy, September 19, 2019 Technology Policy Research Conference

- 2018 Panelist, Challenges of competition in digital markets in forum Challenges of Competition in the Digital Environment 2018, November 7, 2018 Federal Institute of Telecommunications.
- 2018 Panelist, Incubators and promotion of a national environment conducive to innovation, ITU Regional Dialogue on the Economy of Telecommunications / ICT for Latin America and the Caribbean (RED), September 5, 2018.
- 2018 Panelist, Digital Disinformation in Mexico: Perspectives and Post-Electoral Lessons, September 5, 2018.
- 2018 Panelist, Seminar "Internet and Elections", CIDE. June 15, 2018
- 2017 Panelist, Regulation and Development Workshop "Regulatory Capitalism and Development: The Mexican Experience in Comparative Perspective". CARR-LSE. London, United Kingdom.
- 2017 Challenges of the competition in telecommunications and radio broadcasting 2017. Panelist, discussion table on the Red Compartida. IFT. Mexico City.
- 2017 Spectrum Summit of Canada. Presentation: The case of the wholesale mobile network in Mexico: Shared Network. University of Calgary, Canada.
- 2017 International Academic Seminar "Exploring cutting-edge technologies to fight poverty in Mexico". Paper: Mobile Banking: solution for financial inclusion. INFOTEC. Mexico City.
- 2017 XI Communication Policy Research Conference. CPR LATAM. Presentation The case of the wholesale network in Mexico: Red Compartida. Cartagena Colombia.
- 2016 Speaker at the Mexico Week 2016 forum: Mexico and its Place in the World at the London School of Economics, London. Presentation: ICT Reform in Mexico: the State Back In.
- 2016 Speaker in the IDRC Partner's Meeting forum: New Areas of Research for the Global South. Zanzibar, Tanzania
- 2016 X Communication Policy Research Conference. CPR LATAM. Paper "Challenges of the Telecommunications Reform".
- 2016 Broadband Plans in Latin America. IDB. Washington, D.C.
- 2015 Mexico Moving Forward. Recapturing the Mexico Moment. Table "The Progress and Pitfalls of Structural Reform ", UC San Diego.
- 2014 Regional Telecommunications Congress. Table "Public Policies for the closing of the Digital Divide in the region," Lecture Favorable environment to Public Policies that close the Digital Divide, ITU. Panama.
- 2014 Seminar on Institutional Planning, presentation Reform in Telecommunications: the return of the State?, IPN. Querétaro, Querétaro.
- 2014 Reform in Telecommunications: the return of the State?, Mexican Securities Casa de Bolsa (VALMEX). Mexico City.
- 2014 Reform in Telecommunications: the return of the State in Mexico, CPR-LATAM. Bogota, Colombia.
- 2014 Lecture The informational life of the poor: an exploratory study in three Mexican communities, with Angelica Martinez. CPR-LATAM. Bogota, Colombia.
- 2014 Presentation Regulation and competition policy in the telecommunications sector, UNAM Diploma. Mexico DF.

- 2014 Keynote Conference Access, Plurality and Preponderance: Processes of Competition Policy and Regulation in Telecommunications and Broadcasting, with the participation of Martin Cave, CIDE.
- 2014 Lecture: Media Ownership around the World, with the participation of Eli Noam, CIDE.
- 2014 Roundtable: The end of monopolies? Analysis of IFT decisions in matters of preponderance, rapporteur. CIDE.
- 2014 Presentation of the book Tender 21: Lessons from public policy in telecommunications. With Josefina Cortés, Elisa Mariscal and Gustavo Cantú. Digital Culture Center, Mexico, D.F.
- 2014 Panel "Politics of digital society," ICT Reform in Mexico: the State Back in, LASA.
- 2014 Presentation Integration in Telecommunications Despite NAFTA, LBJ School of Public Affairs, Austin Texas.
- 2013 Participation in a debate forum in the PAN Parliamentary Group, Analysis of the Effects of the Reform in the Telecommunications Sector. Senate of the Republic, Mexico.
- 2013 Speaker at the Economic Analysis table of the Telecommunications Sector. Seminar on Secondary Laws of the Constitutional Reform in Telecommunications, Telecom-CIDE, Mexico.
- 2013 Mobile Banking for Financial Inclusion, moderator. Seminar on the analysis of the availability and use of financial services for the population living in poverty, COLMEX, Mexico.
- 2013 Mobile Banking for Financial Inclusion: the case of Telecom-Telégrafos, panelist. Seminar on Pagamentos Móveis and Inclusão Financeira: nova regulamentação e novos modelos de negócio, Brazil.
- 2013 Impact Study on the Adoption of Broadband in Mexico. Academic Activity Research Projects DIRSI, Peru.
- 2013 Participation in Public Forum. Memorandum with Draft Decree by which various provisions of the Political Constitution of the United Mexican States in the field of Telecommunications, Mexico, are reformed.
- 2013 Participation in the panel Impact on Broadband Adoption: Evidence and New Research Directions From Latin America. The 41st Research Conference on Communication, Information and Internet Policy, United States.
- 2013 Participation in the Intelligent Mobile Devices and Their Impact panel: perspectives, lessons, issues and challenges. 41st Annual Research Conference on Communication, Information and Internet Policy, Telecommunications Policy (TPRC), United States.
- 2013 Panelist in the Telecommunications Sector in the National Development Plan 2013-2018. Infrastructure challenges in the telecommunications sector, Mexico.
- 2013 Participation in a panel on Internet Governance. Dialogues on Internet Governance, Mexico.
- 2013 Participation in VII Congress 2013 ACORN-REDECOM, Mexico.
- 2012 Participation in Seminar: Digital Transformation in Mexico, Mexico.

- 2012 Participation in Mobile or Fixed Band Broadband for Development. 40th Research Conference on Communication, Information and Internet Policy (organized by TPRC), United States.
- 2012 Participation in the Regional Development Forum for the Americas, organized by the ITU, Development of Broadband without Thread, Mexico.
- 2012 Designing New MM Models For Financial Inclusion. IMTFI Fourth Annual Conference for Funded Researches, United States. Participation with Roxana Barrantes.
- 2012 Participation in the VI Congress 2012 ACORN-REDECOM, Digital Development, Chile.
- 2012 Participation in panel Pulling Back the Curtain: an unbiased look at the future of Wireless versus fixed broadband Access across the globe. International Conference on Information and Communication Technologies and Development, United States.
- 2012 Participation in the Second Latin American Conference of the Organized Spectrum, Mexico.
- 2011 The case of mobile broadband in Latin America. Meeting of experts on competition policy and market functioning in Central America and Mexico, Mexico.
- 2011 Conference participation on the occasion of the 35th anniversary of the Master in Public Administration, The future of the T.V.?, CIDE, Mexico.
- 2011 Opportunities and challenges of mobile broadband in Latin America. V Annual Conference of the American Network of Research in Information and Communications, Peru. Participation with Ernesto Flores-Roux
- 2011 Participation in panel National Strategies for Broadband Deployment, Adoption and Use. TPRC Telecommunications Policy Research Conference. The 39th Research Conference on Communication, Information and Internet Policy, United States.
- 2011 Participation in panel Licenses Adjudication Objectives: competence and new participants. The Latin American Spectrum Conference in conjunction with Policy Tracker and COFETEL, Mexico.
- 2011 Participation in Social Media and Social Participation Panel, ACORN-REDECOM 2011, Peru.
- 2011 Participation in the ICT panel and Social Inclusion in Poverty and Inequality Contexts: combining new and old technologies. Information Technologies for Social Change in Latin America (TICS-AL), Mexico.
- 2011 Participation in the 2nd. International Workshop on Broadband National Plans in Latin America, Peru.
- 2011 Participation in panel Policies for the development of broadband infrastructure in Peru, Gaps in Latin America: persistent gaps, commitments and opportunities, Peru.
- 2011 Participation in the Conditional Transfer and Financial Inclusion Programs workshop: *An Encounter on the way*, TIC in the articulation of conditional transfer programs and financial inclusion initiatives, Peru.
- 2010 Participation in the AMITI Symposium, National Digital Agenda, Mexico.
- 2010 Participation in Mobile-Money panel, Columbia Institute for Telecommunication (CITY), United States.

- 2010 Participation in CIDE Seminar: In search of development: a comparison of the development strategies of Brazil and Mexico, Mexico.
- 2010 Participation in the Fifth Ordinary Meeting of the Assembly of the Inter-American Telecommunications Commission CITEL, Promoting the Innovation and Growth of the Internet and ICT: Emerging Regulatory Challenges, Mexico.
- 2010 Participation in the 38th Research Conference on Communication, Information and Internet Policy, United States.
- 2010 Participation in Telecom-CIDE Seminar: Interconnection in Mexico, Mexico.
- 2010 Participation in Max Shein Chair Seminar, Union of Entrepreneurs for Technology in Education, A.C., A decade of educational achievements in our media classrooms and a great challenge: competitive connectivity, Mexico.
- 2010 Presentation Policy for the development of the broadband industry in Peru. Seminar "The case of the tender of the backbone network in Mexico: lessons for Peru" Organized by DIRSI in Lima, Peru.
- 2010 Participation in a conference "Fifth Ordinary Meeting of the Assembly of the Inter-American Telecommunications Commission CITEL. Promoting innovation and growth of the internet and ICT: emerging regulatory challenges," Mexico.
- 2010 Participation in Symposium "National Digital Agenda," Digital Access for all Mexicans. Organized by the Mexican Association of the Information Technology Industry (AMITI), Mexico.
- 2010 Lecturer at the International Telecommunications Society, United States.
- 2009 Participation in the Broadband for All panel, Acorn Redecom, Mexico.
- 2009 Participation in the conference "TPRC 37th Research Conference on Communication, Information and Internet Policy, Broadband infrastructure deployment initiatives and their socio-economics. A: A review and possible Research Agenda. Organized by George Mason University School of Law, Arlington.
- 2009 Participation in the Third Annual Conference of the Mexican Network of Competition and Regulation (CIDAC), After the crisis: more competition, better regulation, Mexico.
- 2009 Presentation of the Methodology for the Impact Evaluation of the TELMEX Digital Education and Culture Program, in conjunction with Carlos Brambila, Mexico.
- 2009 ICT Press Conference as a tool to face the economic crisis: radio spectrum, in participation with Alexander Elbittar, Mexico.
- 2009 Participation in Lasa Congress, Rethinking Inequalities paper: Mobiles for Development: M-Banking Latin America, Rio de Janeiro.
- 2009 Participation in the network meeting of researchers LIRNEAsia, RIA, Africa, DIRSI, Latin America. Representation of DIRSI.
- 2009 Participation in a conference on Public Policies and socio-economic impact of ICTs in the Americas, CIDE, Mexico.
- 2009 Mobile Opportunities Paper: Poverty and mobile telephony in Mexico. Conference "Development and Information Technologies". Organized by the Open University of Catalonia, Barcelona.

- 2008 Telecom-CIDE Workshop. In collaboration with Luis Raúl Rey, Alexander Elbittar and César Hernández, México.
- 2008 Telecommunications Policy Research Conference, Universal Access and How to Achieve it, Mexico.
- 2008 Participation in conference "Telecommunications Policy Research Conference. The 38th Research Conference on Communication, Information and Internet Policy, "National broadband strategies: a comparative review, lessons learned and possible research agenda. Organized by George Mason University School of Law, Arlington.
- 2008 Participation in Seminar: The auctions of radio spectrum in a context of convergence, CIDE, Mexico.
- 2008 Participation in Public Policy Forum in the digital era. Lines of action for the development of the ICT industry, Mexico.
- 2008 DIRSI - IDRC MEETING, Mobile applications, 2008.
- 2008 LIRNEAsia - IDRC Meeting Mobile opportunities survey, Ottawa, June 2008.
- 2008 Participation in II International Conference on Competition and Regulation. Telecommunications regulation.
- 2007 Presentation of the Project "Survey on cellular use pattern in Latin America," in collaboration with Hernán Galperín and Roxana Barrantes, Mexico.
- 2007 3GK Third Global Knowledge Conference. Mobile Opportunities Poverty and Telephony Access, in collaboration with Hernán Galperín, México.
- 2007 DIGIWORLD Latin America. Mobile Opportunities: Poverty and Access to Telephony in Latin America and the Caribbean.
- 2007 InfoCom Mexico. Mobile Opportunities: Poverty and Access to Telephony in Latin America and the Caribbean. The case of Mexico, Mexico.
- 2007 Seminar on Effective Regulation in Information Technologies. Speaker and presentation of the Telecommunications Regulatory Observatory. CIDE, Mexico.
- 2007 South by Southwest Festivals and Conferences. "Finding the Next Billion Internet Users". Speaker. Austin Texas, United States.
- 2006 Silicon Valley Challenge Summit, "Market Structure and Penetration in the Latin American Mobile Sector". Facilitator Center for Science, Technology, and Society, Santa Clara University, United States.
- 2006 Seminar on Competition Policy and Regulation in the Context of Trade Liberalization. "Competition and Regulation of Telecommunications in Central America and Mexico: A Comparative Study". Commentator. ECLAC, CFC, IDRC, Mexico.
- 2006 Participation in the First International Conference, Mexican Network of Competition and Regulation. "Competition and Regulation of Telecommunications in Mexico, The Challenges of Competition and Economic Regulation," Mexico.
- 2006 II International Colloquium on the Information Society in Comparative Perspective: The Americas and Europe. Speaker. University of San Andrés. Buenos Aires, Argentina.
- 2006 International Conference Telecommunications in Latin America. Speaker with the document: "Industrial Organization and Competition in Latin America". University of San Andrés. Buenos Aires, Argentina.

- 2006 Conference Measuring Broadband Problems and Possibilities. Speaker with the document: "Latin American Broadband Indicators". Pew Research Center. Washington, United States.
- 2006 Regional Workshop on Pro-Poor Policies. Speaker of the document: "Market structure in the mobile telephony industry in Latin America". IDRC-ICA, Chile.
- 2006 V Meeting of Correspondents of the Latin American Forum of Telecommunications Regulatory Entities (REGULATEL). Presentation of Reports Honduras, Mexico and Nicaragua, Mexico.
- 2005 Second Regional Workshop on CTs Regulation and Equity Latin America and The Caribbean. Presentation on Competition in Telecommunications and Universal Access: from liberalization and privatization to the regional duopoly, Brazil.
- 2005 Participation in the Radioelectric Spectrum Conference with Thomas W. Hazlett, specialist in ICT Economics, Mexico.
- 2005 Participation in the IV International Annual Forum: The Use of the Internet in the Americas, Mexico.
- 2005 Third Workshop of the ECLAC / IDRC Project "Strengthening Competition in the Central American Isthmus: National Policies and Institutions, Regional Coordination and Participation in International Negotiations." ECLAC / IDRC, Costa Rica.
- 2005 Annenberg Research Network on International Communication. University of Southern California (USC). Los Angeles California.
- 2005 Second Regional Workshop on "ICTs Regulation and Equity Latin America and the Caribbean". Institute for Connectivity in the Americas, Brazil.
- 2005 "Internet Use in the Americas." CIDE and LBJ School of Public Affairs of the University of Texas, United States.
- 2004 Presentation at the Telecommunications Policy Research Conference (TPRC). George Mason University. Virginia, United States.
- 2004 "Regulation of Information Technologies and Inequality". Document presented at the Regional Workshop of Members of the ICA International Network on Information Technologies to Combat Inequality and Poverty. Montevideo, Uruguay.
- 2004 "Digital Divide in Mexico" Presented at the PhD. Colloquium of the LBJ School of Public Affairs. University of Texas at Austin. Austin, Texas.
- 2003 "The Blue Book of the Americas." Presentation at the XIII Meeting of the Permanent Executive Committee of the Inter-American Telecommunication Commission (COM-CITEL), Argentina.
- 2003 Telecommunications, Globalization and National Development. Presentation at the Networked World Seminar: IT & Globalization: The Case of Mexico as a Developing Country. Santa Clara University, United States.
- 2003 "The Digital Divide in Mexico". Presentation at the event: Looking to the Future of Telecommunications in Mexico. CIDE, Mexico.
- 2003 "Regulatory reform in the water and telecommunications sectors: The persistent challenge of private participation in Latin America". Lecture at the Seminar on Regulatory Reform in the Water and Telecommunications

- Sectors: The Challenge of Private Participation in Latin America  
CIDE-HEWLETT. CIDE, Mexico.
- 2002 "Universal Access: Obligation or Opportunity?" Presentation before the Senate of the Republic, Mexico.
- 2002 "The Role of Universal Access in the Reform of the Federal Telecommunications Law". Document presented before the H. Congress of the Union, Mexico.
- 2002 "Universal Access in Mexico." Document presented at the UNESCO-UIA Seminar, Universidad Iberoamericana, Mexico.
- 2000 "Pending Issues in Telecommunications Reform". Presentation at the annual meeting of the National Chamber of Industry, Electronics, Telecommunications and Information Technology (CANIETI), Mexico.
- 2000 "Towards a Telecommunications Agenda in Mexico." Presentation to the meeting of the transition team of President-elect Vicente Fox, Mexico.
- 1999 "The Telecommunications Reform in Mexico." Presented at the International Forum on Telecommunications Reform of CIDE, Mexico.
- 1999 "NAFTA and Telecommunications". NAFTA Evaluation Committee. Senate of the Republic, Mexico.
- 1998 "Telecommunications and Economic Development." Presentation at the LBJ School of Public Affairs of the University of Texas. Austin, Texas.
- 1998 "Mexican Telecommunications Reform." Presented at the PhD. Colloquium of the LBJ School of Public Affairs. University of Texas at Austin. Austin, Texas.

---

## **:: ORGANIZED SEMINARS**

- 2018 Digital Latam Center, "Internet and Elections" Seminar, CIDE. June, 15.
- 2018 XII Communication Policy Research Conference, CPR LATAM. Varadero, Cuba. 2017 The IFT before the courts: dominance. Discussion tables with specialists in the telecommunications sector. CIDE Santa Fe.
- 2017 Regulation in the times of M2M. Conference with Roger Noll. CIDE Santa Fe.
- 2017 Follow-up Seminar of the Supreme Court of Justice of the Nation: Zero tariff of interconnection. Legal protection in revision 1100/2015 with the Division of Legal Studies and the Direction of the Master in Administration and Public Policies. CIDE Santa Fe.
- 2017 XI Communication Policy Research Conference. CPR LATAM. Cartagena Colombia.
- 2016 X Communication Policy Research Conference, CPR LATAM. Cancun, Mexico.
- 2016 Conference by Blair Levin: Broadband Plans and Policy: Moving from Ideas to Implementation
- 2014 Telecom-CIDE. The Challenges of the Reform in Telecommunications and The Challenges of the Reform in Energy.
- 2014 Telecom-CIDE. Magisterial Conference Access, Plurality and Preponderance: Processes of Competition Policy and Regulation in

- Telecommunications and Broadcasting, with the participation of Martin Cave.
- 2014 Telecom-CIDE. Media Ownership around the World Conference, with the participation of Eli Noam.
- 2014 Telecom-CIDE. Roundtable: The end of monopolies? Analysis of the decisions of the IFT in matters of preponderance, with the participation of representatives of the industry and academia.
- 2014 Telecom-CIDE. Presentation of the book Tender 21: Lessons from public policy in telecommunications. With the participation of Josefina Cortés, Elisa Mariscal and Gustavo Cantú and Judith Mariscal. Digital Culture Center. Organizer and presenter.
- 2013 Telecom-CIDE. Seminar on Secondary Laws of the Telecommunications Reform.
- 2013 Telecom-CIDE. Workshop "Citizen debate forum of the Constitutional reform initiative in Telecommunications 2013."
- 2013 International Seminar "Sixth Annual Conference 2013 ACORN-REDECOM."
- 2009 Press Conference, "ICTs as a tool to face the economic crisis: Radioelectric Spectrum."
- 2009 Seminar "The Impact on Broadband Access to the Internet of the Dual Ownership of Telephone and Cable Networks", with the participation of Dr. Pedro Pereira, CIDE.
- 2009 Workshop, "Presentation of the methodology for the evaluation of the impact of the Education and Culture program of Telmex."
- 2008 Seminar "The auctions of radio spectrum in a context of convergence," CIDE.
- 2009 Press Conference, "Mobile Opportunities: Poverty and Dial-up. The case of Mexico. "
- 2008 Telecom CIDE workshop.
- 2007 Seminar "Effective Regulation in Information Technologies" Telecom - CIDE and IDET.
- 2006 Round Table on Regulatory Policy, Telecommunications and Digital Convergence. Santa Fe Auditorium, CIDE.
- 2006 Program Evaluation Workshop of the Ministry of Economy "Towards an Administration without Roles," Cuajimalpa Auditorium, CIDE.
- 2005 Workshops with the Sponsoring Partners for the Preparation of the Document: "Challenges for the Development of the Telecommunications Sector in Mexico."
- 2005 Conference "Radioelectric Spectrum", with Thomas W. Hazlett, Specialist in ICT Economics, CIDE.
- 2005 IV Annual International Forum "The Use of Internet in the Americas". Work Workshop and Academic Conference "Internet Use in the Americas." In collaboration with the LBJ School of Public Affairs, University of Texas at Austin. Cuajimalpa Auditorium, CIDE.
- 2004 Third Annual Forum of the Telecommunications Research Program of the CIDE: "Mexico towards a Knowledge Economy: The Strategic Role of Information Technologies". Santa Fe Auditorium, CIDE.

- 2004 Regional Consultation on the Knowledge Economy. In collaboration with the International Development Research Center (IDRC). Cuajimalpa Auditorium, CIDE.
- 2003 Second Annual Forum of the Telecommunications Research Program of CIDE: "Looking to the Future of Telecommunications in Mexico". Santa Fe Auditorium, CIDE.
- 2002 "The Regulator's Management in the United Kingdom: Oftel." Cuajimalpa Auditorium, CIDE.
- 2002 "Strategy, Structure and Regulation: Telecommunications in the New Economy." In participation with Pablo Spiller, Haas School of Business UC Berkeley. Cuajimalpa Auditorium, CIDE.
- 2002 International Forum on the Reform of the Federal Telecommunications Law. In collaboration with the Ministry of Communications and Transportation. Santa Fe Auditorium, CIDE.
- 2002 First Annual Forum of the Telecommunications Research Program of CIDE. Santa Fe Auditorium, CIDE.
- 2002 Social Coverage in Telecommunications. Evaluation of the LFT Reform of the Mexican Congress, Mexico.
- 2000 Conference "Promoting the efficiency of Telecommunications in Mexico: Lessons from recent experience," Santa Fe Auditorium, CIDE.
- 1999 First International Telecommunications Meeting. Santa Fe Auditorium, CIDE.
- 1999 First International Congress of Latin American Specialists in Studies on the United States and Canada: "Effects of Integration on the Telecommunications Sector," Mexico.
- 1999 Seminar: "The Privatization and Regulation of Telecommunications in Latin America: The Case of Brazil," CIDE.
- 1998 Seminar "Telecommunications and Economic Development". With the participation of Dr. Robert Wilson, CIDE.
- 1998 Seminar "The business strategy of AT & T in the Conformation of the Telephony System in the USA" With the participation of Kenneth Lipartito, CIDE.
- 1998 "The Changes in the Relations between the Telecommunication Multinationals and the Governments of Latin America in the Era of Privatization and Globalization." With the participation of David Becker, CIDE.
- 1998 "Successes and failures in Telecommunications Regulation". Participants: Dr. Roger Noll, Dr. Robert Horwitz, Dr. Alejandro Ibarra, Avantel, Telmex, Miditel. CIDE.

---

## **:: THESIS ADDRESSED**

Public policies for telephone and Internet coverage implemented by the governments of Mexico, Chile, Honduras and Uruguay from 1988 to 2012 and their effects on digital inclusion: a comparative study. Prepared by Juan

- Luna Trejo. PhD in Electronic Government. University of the Sierra Sur, 2016.
- The reduction of the digital divide in Mexico: a response to microtelcos. Prepared by Rodrigo Ortiz Alcázar, CIDE, 2016.
- Local spaces and governance models: innovative practices for the provision of mobile telephony. Prepared by José Luis González Madrigal. CIDE, 2015.
- Determinants of broadband penetration in developing countries. Prepared by Lucía Gamboa Sorensen. Degree in Political Science. ITAM, 2014.
- The neutrality of the network: the construction of a public problem. Prepared by Eduardo Vargas Ortiz. Master in Administration and Public Policies. CIDE, 2013
- Economic competition and cooperation. How to advance in a multilateral competition policy? Prepared by María Ortiz Espinoza. Master in Administration and Public Policies. CIDE, 2013
- Information and communication technologies in the basic education system. Prepared by Ángel Iván Olvera Lozano. Master in Administration and Public Policies. CIDE, 2013
- Port efficiency in containers. The effects of the Ports Act. Prepared by Jesús Fidel Hernández Galicia. Master in Administration and Public Policies. CIDE, 2013
- Telecommunications Sector: Beyond asymmetric regulation. Prepared by Alejandra Palacios Prieto. Master in Administration and Public Policies. CIDE, 2013
- The definition of the problem of policies for the promotion of SMEs: A comparison between Brazil and Mexico. Prepared by Juan Yair Martínez Santoyo. Master in Administration and Public Policies. CIDE, 2013
- An electrical policy design based on the HRV model for optimal expansion of transmission networks: applications in Ontario and lessons for Mexico. Prepared by Juan Tregear. PhD in Administration and Public Policies. CIDE, 2011.
- Analysis of the Economic Competition Policy and some alternatives to improve results. Prepared by Marco Polo Rodríguez Sánchez. Master in Administration and Public Policies. CIDE, 2011.

- Effect of mergers and acquisitions in the telecommunications sector: Mexican case. Creation of synergies and efficiency in the industry. Prepared by Cindy Diakite Pineda. Master in Administration and Public Policies. CIDE, 2010.
- Analysis of the cultural policy process of the Municipality of Querétaro. Prepared by Liliana Veloz Márquez. Master in Administration and Public Policies. CIDE, 2009.
- Evaluation of the Digital Community Centers of the National e-Mexico System. Prepared by Francisco Armando Aldama Nalda. Master in Administration and Public Policies. CIDE, 2007.
- The Communication between Migrants from Mexico and the United States: The case of California, Oaxaca and San Quintín under a Public Policy Perspective. Prepared by Gabriel Escaffi Kahatt. Master in Administration and Public Policies. CIDE, 2007.
- Rural Microfinance: The Impact of Information Technologies in the Remittance of Foreign Remittances. Prepared by I. Jennifer García Sandoval. Master in Administration and Public Policies. CIDE, 2007.
- The Role of Institutions in the Regulation of Telecommunications: Examples of the Mexican Case. Prepared by Camilo Rodríguez Vidal. Master in Administration and Public Policies. CIDE, 2005.
- Digital Gap in Latin America: Towards a Public Policy that Mitigates Digital Inequalities. Prepared by Carla Bonina. Award to the best thesis of the Master in Administration and Public Policies. CIDE, 2005.
- The Impact of Privatization on Telecommunications. Empirical Analysis of the Situation of Local Telephony Services in the World. Prepared by Gilberto García Vázquez. Master in Administration and Public Policies. CIDE, 2004.
- The Results of the Reform in the Telecommunications Sector: A Comparative Analysis of the Implementation of the Universal Access Policy in the Cases of Chile, Mexico and Peru. Prepared by Giulana Mendieta. Master in Administration and Public Policies. CIDE, 2002.
- The Role of the Internet in the Reform to the Federal Law of Telecommunications of 1995. Prepared by Manuel Alamilla. Master in Administration and Public Policies. CIDE, 2002.
- The Challenges for the Deregulation of the Electricity Industry in Mexico: Learning from International Experiences. Prepared by José Javier Pulido Zaragoza. Master in Administration and Public Policies. CIDE, 2001.

Mexico-US Conflict in the Telecommunications Sector: Mexican case. Prepared by Gabriel Terres. Master in Administration and Public Policies. CIDE, 2001.

The privatization of the Nicaraguan telecommunications company, 1990-1996. Prepared by Violeta Auxiliadora Pérez Guadamuz. Master in Administration and Public Policy. CIDE, 2000.

The reform of the Mexican electricity sector: its economic, political and organizational constraints. Elaborated by Marco Antonio Aquino Zuñiga. Master in Administration and Public Policy. CIDE, 1999.