Profile:

Born in Saint Louis, Missouri and living in Brazil since 1987. I earned a bachelor's degree in economics from the University of Brasilia in 2006, a master's degree also in economics from the Catholic University of Brasilia in 2009, and a doctor degree from the same University in 2014. I have been working with communications market design since 2007, assessing the effect of various forms of federal regulation and taxation in telecommunications markets in Brazil from a pure theoretical and a factual data-based perspective. I am currently a high executive in the Brazilian Government.

Work history:

I am currently the Chief Operations Officer (COO) at the Brazilian Telecommunications Regulatory Agency (ANATEL). Previously, I was the Superintendent of Competition at ANATEL, advisor of the Telecommunications Development Fund (FUNTTEL), Head Technical Advisor at ANATEL and professor at the Catholic University of Brasilia (UCB), IESB and IBMEC-DF of mathematics, game theory and microeconomics.

Brazilian Telecommunications Regulatory Agency, 01/01/2017 — current, Chief Operations Officer

• Responsible for the daily operation of the Agency, reporting directly to the Chairman and CEO of ANATEL.

Brazilian Telecommunications Regulatory Agency, 05/15/2013 — 01/01/2017, Superintendent of Competition

- Coordinated the development of the business plan for establishing the minimum prices for the 700 MHz auction in 2014, which raised R\$ 5,8 billion.
- Coordinated the implementation and operation of the Wholesale Products Negotiation System (WPNS) which is a unified, web based, negotiation platform in which the telecommunications operators that are classified as operators with Significant Market Power (SMP) are obliged to offer wholesale products in the conditions stablished by Anatel.
- Responsible for the proceedings of M&A, such as the acquisition of GVT by Telefonica, demerger of Telco and the integration of the America Móvil operations in Brazil.

Brazilian Telecommunications Regulatory Agency, 11/15/2011 — 05/15/2013, Head Technical Advisor

- Coordinated the development of the business plan for establishing the minimum prices for the 2.5 GHz and 450 MHz auctions in 2012, which raised R\$ 2 billion in payments to the government and R\$ 6 billion in coverage obligations.
- Coordinated the implementation of the General Plan of Competition (PGMC) which stablishes regulatory remedies based of Significant Market Power (SMP).
- Developed models to conduct economic analyses regarding the review of the legal and regulatory framework of telecommunications in Brazil, assessing impacts over consumers and companies welfare.

Catholic University of Brasilia, 01/06/2009 — 01/06/2011, Professor.

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CARLOS M. BAIGORRI

• Professor of Mathematics, Microeconomics and Game Theory.

Instituto de Ensino Superior de Brasilia (IESB), 01/01/2011 — 01/06/2014, Professor.

• Professor of Economics and Finance.

Instituto Brasileiro de Mercados de Capitais (IBMEC), 01/01/2011 – 31/12/2012, Professor

• Professor of Microeconomics and Game Theory

Qualification description:

Catholic University of Brasilia, 01/01/2010 — 03/31/2014, Economics and Finance, Doctor.

Awards and membership of professional bodies:

- Brazilian most prestigious thesis in Economics of Regulation, Ministry of Finance, Brazil, 2014
- Brazilian most prestigious dissertation in Economics, Economists National Confederation, Brazil, 2011
- Director of the Association for Specialists in Regulation since 2015.
- Member of the Economists National Confederation since 2002.

Publications:

"Stimulating Broadband Adoption: State-Owned Companies versus Tax Exemptions – The Brazilian Case" **Journal of Economic Studies**, vol.45, issue 4, 2018 (not published yet).

"Optimal mobile termination rate: The Brazilian mobile market case"

Telecommunications Policy, 38, pp. 86–95, 2014.

"Overlaps and Synergies between Regulators in the Brazilian Telecommunications Market

", **Communications and Competition Law**, Kluwer Law International, Org. Fabrizio Cugia di Sant'Orsola; Rehman Noormohamed; Denis Alves Guimarães; pp. 375-386, 2014.

"Proposition of an index for policy making: Anatel 's experience in measuring the quality of telecommunications services", **International Seminar on Information and Communication Technology Statistics**, Seoul, Korea.

"Uma Nota Sobre a Oferta de EILD e Fechamento Vertical do Mercado de Banda Larga

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no Brasil" **Revista Brasileira de Economia**, Rio de Janeiro, v. 69, n. 4, p. 489-502, dez. 2015. ISSN 0034-7140.

"Análise dos impactos da liberação das outorgas de TV a cabo sobre o mercado de banda larga no Brasil", **Revista Brasileira de Economia de Empresas**, v. 11, p. 7-23, 2012.

"Análise dos impactos da oferta de tv a cabo sobre a penetração de banda larga nos municípios brasileiros" **29º Radar IPEA: tecnologia, produção e comércio exterior,** v. 15, p. 29-35, 2011.

"Impacts of changes in the brazilian Mobile Termination Rates", **Second Brazilian Workshop of the Game Theory Society in honor of John Nash**, on the occasion of the 60th anniversary of Nash Equilibrium, 29/07 a 04/08, São Paulo, Brasil