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#### PROFESSIONAL EXPERIENCE

1 01/2007 – 02/2011 Multilateral Investment Fund/IDB Project Costa Rica Associate Researcher

Project Remittances Bancarization, Financial Democratization, and Innovative Investment Opportunities in Costa Rica and Nicaragua: South-South and North-South Comparative Cases. Project funded by Multilateral Investment Fund (MIF-IDB), International Organization for Migration (IOM), Agencia Española de Cooperación Internacional para el Desarrollo (AECID) and Banco Nacional de Costa Rica (BNCR). Papers written for this project:

- Comparative Study of the Costa Rica Nicaragua Remittances Corridor in 2009 and 2010. MIF/IDB. February 2011. Co-Author.
- Costa Rica Nicaragua Remittances Corridor: Evolution and Financial World Crisis.
   MIF/IDB. January 2011. Co-Author.
- The Impact of North-South and South-South Remittances: Comparative Analysis of the United States-Costa Rica and Costa Rica-Nicaragua Corridors. MIF/IDB.
   December 2010. Main Author, with others.
- Characteristics of Costa Rican Migrants in USA and their Remittances Sent to Costa Rica. September 2010. Main Author, with others.
- South-South Remittances: Importance of the Costa Rica- Nicaragua Corridor. MIF/IDB. November 2009. Co-Author.
- 2 09/2009 11/2010 Multilateral Investment Fund/IDB Project Costa Rica
  Associate Researcher
  Project Ex Post Evaluation of the Project Development of Local Suppliers for Multinational High Technology Corporations.
- 3 11/2009 03/2010 Multilateral Investment Fund/IDB Project Costa Rica
  Associate Researcher
  Costa Rica Country Strategy on the Firms Survey on Workers Demand and Training in Costa Rica.
  Member of the (local) research team for the project.
- **10/2009 01/2010** Interamerican Development Bank Costa Rica IDB Sectorial Note on Costa Rica Trade and Integration in the study *Diagnostic and Policy Recommendations in the Offshoring and Outsourcing of Services Area in Costa Rica*. Leader Researcher and author of the study.
- **5 08/2009 06/2010** United Nations Development Program and Costa Rica Consortium GFA-Fundecor

#### **Economic Advisor**

Economist for the Project Evaluation of the Financial and Investment Flows for Adaptation in the Biodiversity and Hydric Sectors in View of Climate Change.

#### 6 **01/2009 – 01/2011** Academia de Centroamérica **Projects Executive** Officer

Costa Rica

This is a not-for-profit think tank with over 40 years of experience on economic development and promotion of public policies in Costa Rica. Basic activities include undertaking research studies and organizing seminars, as well as publishing and editing books. Coeditor of the books: i) Reformas para el Crecimiento Económico de Costa Rica; ii) Costa Rica 2007: Crecimiento Impulsado por la Inversión Extranjera; iii) Obstáculos al Crecimiento Económico de Costa Rica; iv) Recesión con Estabilidad: Realinenado la Senda hacia el Futuro; v) El Acuerdo de Asociación entre Centroamérica y la Unión Europea: Sus Tres Pilares; vi) Ensayos en Honor a Cecilia Valverde Barrenechea.

7 03/2009 - 06/2009 United Nations Development Program and Costa Rica Ministry of National Planning and Economic Policy

#### **Research Economist**

Project Costa Rica's Bicentennial Dialogues in the field Public Finance Equilibrium and Debt Sustainability. This study consists of estimating the public debt dynamics and sustainability levels of the public debt-to-GDP ratios in the period 2009-2021.

8 05/2008 - 09/2008 Academia de Centroamérica **Research Economist** 

Latin America

Chapter Costa Rica in Migration and Social Policies in Latin America: Costa Rica. Konrad Adenauer Stiftung (Rio de Janeiro, Brazil). June 2009.

9 03/2008 - 06/2008 Academia de Centroamérica Costa Rica

**Book Editor** Costa Rica: Crecimiento impulsado por Inversión Extranjera Directa. July 2008.

http://www.academiaca.or.cr/archivos-deusuario/Libros/Libros Completos/Libro Anual/Libroanual08.pdf

10 02/2008 - 04/2008 Academia de Centroamérica Costa Rica and Latin

America

# **Research Economist**

Chapter Costa Rica in Efficiency of Public Expenditure in Latin America: Costa Rica. Konrad Adenauer Stiftung (Rio de Janeiro, Brazil). September 2008.

11 08/2007 - 12/2007

Academia de Centroamérica

Costa Rica and Latin

America

Research Economist and Book Editor

Chapter Costa Rica in **Growth and Social Progress in Latin America**. Konrad Adenauer Stiftung (Rio de Janeiro, Brazil). March 2008.

12 01/2007 - 06/2007 Academia de Centroamérica

Costa Rica

**Research Economist** 

Integration (CABEI/BCIE)

The Costa Rican Economy in 2006 in Reformas para el Crecimiento Económico de Costa **Rica**, edited by Luis Mesalles and Oswald Céspedes. July 2007.

http://www.academiaca.or.cr/archivos-de-

usuario/Libros/Libros\_Completos/Libro\_Anual/Libroanual07.pdf

01/2007 - 12/2007 13 Central American Bank for Economic

Central America and

Panama

Research Economist

Characteristics of Public Indebtedness in Central America and Panama. International consultancy in Central America and Panama. December 2007

- 11/2006 12/2006 Universidad Latina (ULatina) de Costa Rica Costa Rica Professor of Business Environment for Master Program ULatina is a Costa Rican private university and it offers a Masters Program in Business Administration.
- 15 08/2006 10/2006 Universidad Latina (ULatina) de Costa Rica Costa Rica Professor of Public Finance for Doctoral Program ULatina is a Costa Rican private university and has a <u>Doctorate Program in Business and Economic Sciences</u>. Its focus is basically on preparing their students for a global economic environment and business competitiveness.
- 16 10/2005 Universidad Rafael Landívar Guatemala International Speaker

Conference on <u>Transition Towards the Knowledge-Based Economy: Innovation and Human Resources</u>. Fifth Landivarian Convention of Business Administration, organized by the Department of Business Administration, Faculty of Business and Economic Sciences.

17 2004 – 2010 Universidad Estatal a Distancia (UNED) Costa Rica
Professor for the
Graduation Seminar I
(Research Methods)
and Dissertation Tutor

Professor for the course *Graduation Seminar I*, which is part of the <u>Doctorate Program in</u>

<u>Business Administration Sciences</u>. This course teaches the basic aspects of conducting research in the areas of economics and business administration for a group of around 20 people. Furthermore, I have some students in dissertation tutoring.

18 1/2005-6/2005 ASIES-IDRC Central America
Research Economist

Researcher for a study entitled *The Sustainability of Public Indebtedness of Central American Countries* (<a href="http://www.ca-asies.org/ca1/Documentos/VF04\_23.pdf">http://www.ca-asies.org/ca1/Documentos/VF04\_23.pdf</a>). Costa Rica, El Salvador, Guatemala, Honduras and Nicaragua are included in the analysis. This study is part of the Program *Centroamérica en la Economía Mundial del Siglo XXI*. <a href="http://www.asies.org.gt">http://www.asies.org.gt</a>.

19 9/2004-11/2004 Nathan Associates, Inc. Central America
International Speaker
and Researcher

Consultant for the *Central American National Event on eCommerce and the SMEs preparedness to take advantage of the Dominican Republic-Central America-US Free Trade Agreement (DR-CAFTA)*, while increasing the region's exports through eCommerce and eBusiness technologies. This event was held in each Capital city of the 5 Central American countries (Costa Rica, Nicaragua, El Salvador, Guatemala and Honduras) and it covered all Economic Activity Sectors, including Agricultural, Industrial, Services and Tourism.

**20 6/2004 – 12/2004** High Technology Advisory Committee Costa Rica Foundation (CAATEC)

# **Research Economist**

I was part of CAATEC's professional team for *info*Dev's **Incubator Initiative Project** (World Bank, www.infodev.org). This project is part of a worldwide initiative for improving Information and Communication Technologies (ICTs) adoption in start-up Small and Medium-Sized Enterprises (SMEs). Written Report: *Promoting ICT-Enabled SMEs in Costa Rica through the Modernization of an Existing Small Business Incubator (SBI). infoDev Incubator Initiative Project. Baseline Report and Action Plan. September 2004.* 

21 4/2004 – 6/2004 Ministry of Foreign Trade
Telecommunications Regulation Economist

Costa Rica

I was CAATEC's senior economist in a document written for the Ministry of Foreign Trade (COMEX), jointly with Ing. Róger Echeverría and Faustino Montes de Oca. The title of this document was **Opening Telecommunications in Costa Rica within the CAFTA**.

- 22 8/2003 12/2003 Banco Internacional de Costa Rica (BICSA) Costa Rica Credit Risk Specialist and Industries Consultant
  Senior Economist for the Analysis of Credit Risk Methodologies and Identification of Dynamic Industries for the Purposes of Targeting Credit.
- 23 1/2003 5/2003 Banco Internacional de Costa Rica (BICSA) Costa Rica
  International Trade Specialist
  Senior Economist for the Analysis of the Free Trade Agreement between Costa Rica and
  Chile and Identification of Businesses that could be potential beneficiaries from this FTA.
- **7/2002 3/2003** High Technology Advisory Committee Costa Rica Foundation (CAATEC)

## **Senior Economist and Researcher**

Senior Economist for the *Analysis of Supply and Demand of Human Resources in Costa Rican Firms*, in the context of a Knowledge-Based Economy (<a href="https://www.caatec.org/caatecUpload/DEMANDA\_RRHH.pdf">www.caatec.org/caatecUpload/DEMANDA\_RRHH.pdf</a>). This research was based on a national survey to 277 SME Businesses in Costa Rica, in three different sectors: Agriculture, Industry, and Services.

25 1/2002 - 4/2002 High Technology Advisory Committee Costa Rica Foundation (CAATEC)

#### Senior Researcher

Researcher for the *Analysis of the Labor Market for High Technology Sectors in Costa Rica*. (<a href="www.caatec.org/ereadiness/asps/documentos.asp?lang=esp">www.caatec.org/ereadiness/asps/documentos.asp?lang=esp</a>). This study was based on a Survey to High Technology Multinational Corporations based in Costa Rica.

**26 5/2001 - 12/2002** Costa Rican High Technology Advisory Costa Rica Committee Foundation (CAATEC)

# **Research Economist and Editor**

Senior Economist and Researcher, jointly with Ricardo Monge, for the *Costa Rica e-Readiness Assessment Project* for *info*Dev-World Bank. As a result of this project, the book entitled *Costa Rica: Towards the Knowledge-Based Economy* (www.caatec.org/CaatecUpload/CR\_Towards\_the\_KBE.pdf) was published in 2002.

27 12/2000 - 2/2001 Fundación de Cooperación Estatal (FUCE) Costa Rica Research Economist

Senior Economist for the paper *Foreign Direct Investment in Costa Rica: Perspectives towards a Free Trade Agreement with Canada*. This study reviews some perspectives of a Free Trade Agreement between Costa Rica and Canada, regarding FDI flows and most likely sectors where Costa Rica has advantages in attracting multinational corporations.

28 5/2000 - 4/2001 Unidad Ejecutora BID-Ministerio de Hacienda Costa Rica Telecommunications Regulation Specialist

I worked as Consultant Economist for the Government of Costa Rica in the areas of: a) Analysis of the Internet Development and Access, from November 2000 to April 2001, and b) Analysis of Alternatives for Reform in the Telecommunications Sector in Costa Rica, from May 2000 to October 2000. I wrote two working papers: a) **Diagnostic of the Telecommunications Sector in Costa Rica**, and b) **Importance of Internet in Costa Rica**.

29 6/1998 - 5/2002 National Regulatory Authority of Public Utilities Costa Rica (ARESEP)

## **Member of the Board of Directors**

The Board of Directors of ARESEP has different functions. Among these are: a) Reviewing the regulatory decisions of the Regulator; b) Define and approve regulatory policies for the regulated public services, including Electricity, Telecommunications, Public Transportation (Buses and Cabs), Water, Oil Products; c) Budget Analysis and Approval...

30 6/1999 Costa Rican Investment Board (CINDE) Costa Rica
Consultant Economist

Research Economist for the study **Analysis of the Medical Devices Sector**. This research identifies the multinational corporations that most likely would be interested in moving to Costa Rica through foreign direct investments. June 1999.

31 5/1999 Costa Rican Investment Board (CINDE) Costa Rica Consultant Economist

Research Economist for the study **Analysis of the Determinants of Foreign Direct Investment**. May 1999.

7/1998-4/1999 Costa Rican Investment Board (CINDE) Costa Rica Regulation Economist

Telecommunications Economist for **Analysis of the Telecom Law Proposal in Costa Rica**. July 1998-April 1999.

**33 5/1998-6/1998** Costa Rican Investment Board (CINDE) Costa Rica **Economist** 

Research Economist for the study *Analysis of the Intellectual Property Rights Law Proposal in Costa Rica*. May-June 1998.

34 3/1998-4/1998 Costa Rican Investment Board (CINDE) Costa Rica Economist

Regulation Economist for the *Analysis of the Rules and Regulations associated to the General Public Works Concessions Law in Costa Rica*. March-April 1998.

35 6/1997-12/1997 Costa Rican Investment Board (CINDE) Costa Rica Research Economist

Senior researcher for the study *Analysis of the Protection of Intellectual Property Rights and its Possible Effects on the High Technology and Biotechnology Sectors*. June-December 1997.

**36 10/1997 - 11/1997** German Program of Economic Service (ECON- Costa Rica GTZ)

**Consultant Economist** 

Economist in charge of creating a Paper Position on Intellectual Property Rights in Costa Rica.

**37 9/1997 - 10/1997** Academia de Centroamérica Costa Rica Consultant Economist

Economist for the study entitled *Exchange Rate Regime in Costa Rica: Historical Perspective* 1950-1980.

**38 8/1997 - 10/1997** Ministry of Foreign Trade (COMEX) Costa Rica Consultant Economist

Senior Economist in charge of writing a **Strategy for Competitive Development in Costa Rica**. This strategy used inputs coming from a Seminar on Competitive Development held in Costa Rica a couple of months earlier.

39 9/1996 - 10/1996 Cooperativa CoopeMontecillos R.L. Costa Rica Consumption/Demand Specialist

Economist in charge of looking for the Determinants of the Cattle Meat Producer Price and Demand for Meats for a Cattle Cooperative in Costa Rica. I wrote the paper **Determinants of the Bovine Meat Prices and Meat Demand in Costa Rica** for the CoopeMontecillos R.L., a meat producer/processing cooperative in Costa Rica.

**40 2/1996 - 4/1996** Interamerican Development Bank (IDB) Washington, D.C. (USA) **International Consultant** 

As International Consultant for IADB, I was in charge of gathering and assembling the **Costa Rica Country Paper 1996**, jointly with the coordination of Eduardo Lizano and IADB-Mission Costa Rica Staff.

**41 12/1995 – 04/1996** Ministry of Planning and Economic Policy Costa Rica (MIDEPLAN)

#### **Consultant Economist**

Economic Consultant for the *Project Training on the MIMEGA Computable General Equilibrium Model*. I was in charge of the training for the Economic Analysis Unit on how to use this Computable General Equilibrium (CGE) Model.

**42 9/1995 - 12/1995** Costa Rican Investment Board (CINDE) Costa Rica **Trade Specialist** 

Senior Economist in the **Analysis of Trade Openness in Costa Rica, regarding a possible Free Trade Agreement with Chile**. The objective was to measure the likely Economic Impact to the Economy of Costa Rica of a Prospect Free Trade Agreement with Chile.

**43 4/1990 - 8/1990** United States Agency for International Costa Rica Development (USAID)

#### **Cost-Benefit Specialist**

Leading Economist in charge of doing an *Economic Assessment of the Investment and Exports Program (PIE)*.

44 4/1986 - 8/1990 Universidad de Costa Rica Costa Rica Economics Research Assistant

I started my career working as assistant research economist for the Instituto de Investigaciones en Ciencias Económicas (IICE) at the Universidad de Costa Rica, right after I obtained my Bachelor's Degree. The following working papers were published:

- Effective Protection of Agricultural Products in Costa Rica: A Methodological Approximation. Working Paper No. 120. 1989.
- Comparative Advantage of Agricultural Product in Costa Rica: A Methodological Approach. Working Paper No. 124. 1989.

## **EDUCATION**

**9/1991-8/1995** The Ohio State University (OSU) Columbus, Ohio. USA **Doctorate** 

- Ph.D. in Economics with specialization in *International Trade and Development* and *Industrial Organization*. My degree was obtained from the Department of Economics at OSU and my Ph.D. dissertation was entitled *A General Equilibrium Model of International Trade under Uncertainty: The Case of Costa Rica*. August 1995.

**9/1990-8/1991** The Ohio State University (OSU) Columbus, Ohio. USA **Master's Degree** 

- M.A. in Economics from the Department of Economics at OSU.

**4/1986-7/1989** Universidad de Costa Rica (UCR) San José, Costa Rica **Licentiate Degree in Economics** 

-For my Licentiate's Degree in Economics, I wrote the thesis entitled **Methodological Review and Estimation of the Shadow Exchange Rate in Costa Rica**, Escuela de Economía (UCR). July 1989.

**3/1981-4/1986** Universidad de Costa Rica (UCR) San José, Costa Rica **Bachelor's Degree in Economics** 

- I earned my Bachelor's Degree in Economics from the Escuela de Economía (UCR). April 1986.

#### **SEMINARS**

<u>Online Course Logical Framework for Project Design</u>. Mayo 2006. Interamerican Development Bank's website.

**Seminar on Institutional Restrictions to Development**, organized by Centro Internacional de Política Económica (CINPE) de la Universidad Nacional Autónoma (UNA). San José, Costa Rica, April 23<sup>rd</sup> 2002.

<u>Course Economics of Regulation in Public Utilities</u>, organized by Centro de Estudios Económicos de la Regulación (CEER), Universidad Argentina de la Empresa (UADE). San José, Costa Rica, December 3<sup>rd</sup> -7<sup>th</sup> 2001.

<u>Course on The Digital Economy and eBusiness</u>, organized by Instituto Centroamericano de Administración Pública (ICAP). San José, Costa Rica, April 3<sup>rd</sup>-23<sup>rd</sup> 2001.

<u>Course Creating and Managing a GSM Network Operation</u>, organized by United Kingdom Telecommunications Academy (UKTA). Coventry, England, September 4<sup>th</sup>-15<sup>th</sup> September 2000.

<u>Seminar on Rates, Regulation and the WTO</u>, organized by International Telecommunications Union (ITU), la Comisión de Telecomunicaciones de Centroamérica (COMTELCA) and Comisión Nacional de Telecomunicaciones (CONATEL) de Honduras. Tegucigalpa, Honduras, July 10<sup>th</sup>-12<sup>th</sup> 2000.

<u>Course Annual Regulatory Studies Program</u>, organized by National Association of Regulatory Utility Commissioners (NARUC) y The Eli Broad Graduate School of Management, Michigan State University. East Lansing, Michigan, August 2<sup>nd</sup>-6<sup>th</sup> 1999.

<u>Course Regulatory Fundamentals for New Private Sector Utilities</u>, organized by National Association of Regulatory Utility Commissioners (NARUC) and The Eli Broad Graduate School of Management, Michigan State University. East Lansing, Michigan, August 2-13, 1999.

<u>Latin-American Seminar on Project Design, Evaluation and Implementation</u> at the University of Pittsburgh (Pittsburgh, USA), June 26-August 18 1989.