



communication  
economics  
entrepreneurship  
information technology  
Latin America  
policy  
regulation  
telecommunication  
theory construction

## MARTHA GARCIA-MURILLO

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Dr. Garcia-Murillo is an internationally known expert in policy and regulation for information and communication technologies. She analyzes the development of networked information technology and the effect it has on government policies and regulations as well as the impact of government decisions on the advancement of the information and communications technology (ICT) sector. Dr. Garcia-Murillo has worked with international organizations and United Nations agencies to advise policy-makers on how to identify strategies and achieve policies that will allow the growth and expansion of information technologies and services. She provides training for regulators from around the world through the PURC-World Bank International Training Program. Dr. Garcia-Murillo also specializes in theory construction. She has facilitated theory construction workshops and seminars at conferences and universities in the United States and Latin America. She is a founding member of both ACORN-REDECOM and LACAIS, which are cross-disciplinary academic networks that help promote original research in Latin America.

### **Education:**

1998 Ph.D. Political Economy and Public Policy, University of Southern California  
M.S. Economics, University of Southern California

1991 B.A. International Relations, National Autonomous University of Mexico

1986 Diploma of Primary Education, National School of Teachers, Mexico

### **Recent Research Projects:**

**The Effect of Information and Communication Technologies on Entrepreneurship.** PI: Garcia-Murillo, M.

The goal of this study is to determine the factors that limit or foster entrepreneurship. It focuses primarily on two areas: policy and the power that governments have to facilitate new business entry and the use of information and communication technologies (ICTs) as a tool that can facilitate an entrepreneur's desire to start a company. Data from 170 countries was collected to develop a statistical model that can explain the role of governance and ICTs in the creation of new businesses.

**Theory Construction.** PI: Garcia-Murillo, M.

One of the greatest challenges for young scholars and researchers in Latin America is to make significant contributions to their fields. When engaged in research young scientists normally take existing theories and apply them to the context they are studying. This research project consists of several booklets that capture different elements of the theory construction process. Scholars are exposed to techniques that can be applied to find gaps in the literature and to help develop their own theoretical frameworks. This is the first project where Dr. Garcia-Murillo will be publishing in non-traditional Internet-based outlets.

### **Recent Scholarship:**

Garcia-Murillo, M., “**Innovation strategies under uncertain regulatory circumstances: Argentinean ICT MSMEs,**” *Information Technology for International Development*, Sept. 2012.

Garcia-Murillo, M., & E.N. Gozen, “**Process theory: Components and guidelines for development,**” in M. Mora, O. Gelman, A. L. Steenkamp & M. Raisinghani (Eds.), *Research methodologies, innovations and philosophies in software systems engineering and information systems*. Hershey, PA: IGI Global. 2012.

### **External Affiliations:**

Co-founder, Acorn-Redecom, a cross-disciplinary academic network of research centers for the advancement of knowledge on the social, economic, and political impact of information and technology.

<http://www.acorn-redecom.org>

Co-founder, Latin American and Caribbean Information Systems Association (LACAIS). A network of scholars from Latin America working on information systems research.

<http://lacais.aisnet.org>



Syracuse University is driven by its vision, Scholarship in Action—a commitment to forging bold, imaginative, reciprocal, and sustained engagements with partners from all sectors of the economy: public, private, and non-profit. These profiles have been developed to facilitate cross-sector connections and are supported by the SU ADVANCE project with funding from the National Science Foundation under NSF Grant No. HRD-1008643.