Martha A. García-Murillo
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SUMMARY

Dr. García-Murillo research is on the impact of technology on policy and economic aspects of a country. Her present work focuses on the impact of technology on employment with a particular emphasis on the transition towards a more technology dependent society and the policies that will need to set in place to help people displaced by technology to find income alternatives. Her previous work has aimed to explain how information and communication technologies affect the creation of new businesses including the informal economy, instances of corruption and social unrest.

Her secondary research interests include theory development as a means to help young scholars to make contributions to their fields while understanding the work of previous scholars. In this area she has conducted workshops at conferences and universities. She also has a strong interest in international students and ways of helping them succeed in North American universities.

EDUCATION

Syracuse University, January 2012
    Certificate, Program for the Advancement of Research on Conflict and Collaboration (PARCC)

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

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

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

ACADEMIC APPOINTMENTS

2011-	**Full Professor,** School of Information Studies Syracuse University
2008- 2012	**Director, Master's program in Telecommunications and Network** Management, School of Information Studies, Syracuse University

Responsible for the admission, curriculum, financial aid decisions and involved in the marketing of the program and hiring of adjunct faculty. Under my directorship the program increased its numbers and in particular the number of women.

| 2008 | **Visiting Scholar**, School of Library, Archival and Information Studies
The University of British Columbia |

| 2005 - 2011 | **Associate Professor**, School of Information Studies
Syracuse University |

| 1999 – 2005 | **Assistant Professor**, School of Information Studies
Syracuse University |

| 2005 | **Associate Researcher**, CIDE, Mexico
As an associate researcher of CIDE I was one of the cofounders of CPR-LATAM, a network of information policy researchers which attracts more than a hundred scholars and regulators to its annual conferences. I was responsible for writing the bylaws which included the formation of the board. |

| 2003 | **Visiting Scholar**, Program on Internet and Telecoms Convergence
Massachusetts Institute of Technology (MIT) |

RESEARCH AND SCHOLARSHIP

Refereed journals

García-Murillo, M., MacInnes, I., & Bauer, J. (2016). Techno-unemployment? *Information, Communication and Society* (under review).

García-Murillo, M., & MacInnes, I. (2015). Così Fan Tutte: Why a right to be forgotten should not be pursued. *The Information Policy Journal* (under review).

García-Murillo, M., Zaber, M., & Wholers, M. (2016). *Information and Communication Technologies as Drivers of Social Unrest* (under review).

García-Murillo, M. (2015). *The Impact of ICTs on Employment in Latin America: A Call for Comprehensive Regulation. Information Technology for International Development* (under review).

García-Murillo, M., and Velez-Ospina, J. "The Impact of ICT on the Informal Economy." *INFO (under review)* (2015).

García-Murillo, M. and Zaber, M.. "Who Will Kill the Golden Telecom Goose in Favor of Internet-Based Communications?" *Telecommunications Policy (under review)* (2015).

García-Murillo, M., Velez-Ospina, J., & Vargas-Leon, P. (2013). The Techno-Institutional Leap and the Formation of New Firms. *Journal of Information Policy, 13*.

García-Murillo, M. (2013). *The impact of intelligent infrastructure investment on the well-being of a country*. Redes

García-Murillo, M. (2013). Does a government web presence reduce perceptions of corruption? *Information Technology for Development, 19*(2), 151-176.

García-Murillo, M. (2012). Innovation strategies under uncertain regulatory circumstances: Argentinean ICT MSMES. *Information Technology for International Development, 8*(3), 53-67.

García-Murillo, M. (2011). Regulation Resources and Innovation: The Argentinean telecommunications case. *Journal of Information Policy, 1*, 260-286.

García-Murillo, M. (2010). The Effect of Internet Access on Government Corruption. *Electronic Government, an International Journal, 7*(1), 22-40.

García-Murillo, M., MacInnes, I., & Rubleske, J. (2010). Virtual worlds in Higher Education: A Policy Simulation. *Int. Journal of Networking and Virtual Organisations, 7*(5), 245-432.

García-Murillo, M., & MacInnes, I. (2010). Net Centric Distribution of Video Signal and Must Carry Rules in the U.S. *Communications and Strategies, 77*(1), 79- 99.

García-Murillo, M., & Rendón, J. (2009). A Model of Wireless Broadband Diffusion in Latin America. *Telematics and Informatics, 26*(3), 259-269.

García-Murillo, M. (2007). Number Portability in Central America. *INFO: the Journal of Policy, Regulation and Strategy for Telecommunications Information and Media, 9*(4), 25-37.

Pick, J., García-Murillo, M., & Navarrete, C. (2007). Information Technology Research in Latin America. *Information Technology for Development, 13*(3), 207-216.

García-Murillo, M., & Kuerbis, B. (2005). The Effect of Institutional Constraints on the Success of Universal Service Policies. *Telecommunications Policy, 29*(9-10), 685-796.

García-Murillo, M., & MacInnes, I. (2005). The Impact of Legislative Change on the Behavior of Telecommunications Carriers. *Telecommunications Policy, 29*(8).

García-Murillo, M. (2005). International Broadband Deployment: The Impact of Unbundling. *Communications and Strategies, 56*(1).

García-Murillo, M. and McKnight, L. (2005). The Effects of Internet Telephony on the Universal Service Program in the U.S. *Review of Network Economics, 4*(3).

García-Murillo, M., and Pick, J. (2004). Interconnection Regulation: Explaining Dominance by Incumbents in Mexico and the United States. *Communications and Strategies, 53*(1).

García-Murillo, M. (2004). Armonización de las Leyes de Telecomunicaciones en Centroamérica. Relaciones entre Principales y Agentes. *Revista de Ciencias Sociales, 105*(III).

García-Murillo, M. (2004). Regulatory Responses to Convergence: Experiences from Four Countries. *INFO: the Journal of Policy, Regulation and Strategy for Telecommunications Information and Media, 7*(1).

García-Murillo, M. (2004). Institutions and the Adoption of Electronic Commerce in Mexico. *Electronic Commerce Research, 4*(3).

García-Murillo, M. (2003). Patchwork Adoption of ICTs in Latin America. *Electronic Journal of Information Systems in Developing Countries, 15*(1).

García-Murillo, M., Maxwell, P., Boyce, S., St. Dennis, R., Shetty, S., & Shroyer-Keno, J. (2003). Glenview Hospital Knowledge Base. *Annals of Cases on Information Technology, 5*.

García-Murillo, M., & MacInnes, I. (2003). The Impact of Technological Convergence on the Regulation of ICT Industries. *Journal of Media Management, 5*(5), 57-67.

García-Murillo, M., & Annabi, H. (2002). Customer Knowledge Management. *Journal of the Operational Research Society, 53*(August), 875-884.

García-Murillo, M., & MacInnes, I. (2001). FCC Organizational Structure and Regulatory Convergence. *Telecommunications Policy, 25*(6), 431-452.

Roycroft, T., & García-Murillo, M. (2000). Trouble Reports as an Indicator of Service Quality. *Telecommunications Policy, 24*(10-11).

Books

Ma, Y., & García-Murillo, M. (Eds.). (2016). *The Two-Way Street of Learning and Living Globalization: Understanding International Students from Asia in American Universities*. New York: Springer.

García-Murillo, M. (2013). *Leadership and culture: Student workbook*. Jamesville, NY: Crysalus. (Self-publication)

García-Murillo, M. (2012). *Theory construction series: The basics about theory, Building theory from concepts; Building theory from existing work, Building theory from the ground up; : Theory from the top; Levels of analysis and theory, Research questions; The role of pilot studies in theory construction,* Jamesville, NY: Crescit Scientia (self-publication)

Wohlers, M., & García-Murillo, M. (2009). *EnREDos: Regulación y Estrategias Corporativas Frente a la Convergencia Tecnológica*. Bogota, Colombia: CEPAL, Naciones Unidas.

Book chapters

García-Murillo, M. (2016). International alumni and leadership skills. In Y. Ma & M. García-Murillo (Eds.).

García-Murillo, M., & Gozen, E. N. (2012). 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.

García-Murillo, M., & MacInnes, I. (2007). An Exploration of the Use of Games in Virtual Worlds for Online Education. In R. E. Ferdig (Ed.), *Handbook of research on effective electronic gaming in education*. Hershey, PA: Information Science Reference.

Conference proceedings (Representative only)

Garcia-Murillo, M., MacInnes, I., & Bauer, J. (2016). *Individual to individual services and the future of work*. Paper presented at the ITS Biennial Conference, Taiwan.

García-Murillo, M. (2015). *The Impact of ICTs on Employment in Latin America: A Call for Comprehensive Regulation*. Paper presented at the TPRC, Arlington, VA.

García-Murillo, M., Zaber, M., & Wholers, M. (2015). Information and Communication Technologies as Drivers of Social Unrest. Paper presented at the TPRC, Arlington, VA.

Bauer, Johannes, Martha García-Murillo and Ian MacInnes (2015), "Techno-unemployment?" International Telecommunications Society Europe Annual Conference, Madrid, Spain.

García-Murillo, M., & MacInnes, I. (2014). *The right to be forgotten: Its weaknesses and alternatives*. Paper presented at the Institute for Information Policy Workshop, Washington, DC.

García-Murillo, Martha, and Jorge Velez-Ospina. "The Impact of ICTs on the Informal Economy." In *TPRC*. Washington, DC, 2014.

García-Murillo, Martha, and Ian MacInnes. "The Right to Be Forgotten: Its Weaknesses and Alternatives." In *Institute for Information Policy Workshop*. Washington, DC, 2014.

García-Murillo, M., Velez-Ospina, J., (2013). *The Paradox of Intelligent Infrastructures* Paper presented at the TPRC September 28th.

García-Murillo, Martha, and Moinul Zaber. "Who Will Kill the Golden Telecom Goose in Favor of Internet-Based Communications?" In *ITS-Europe*. Brussels, 2014.

García-Murillo, Martha, Jorge Velez-Ospina, and Patricia Vargas-Leon. "Where Should Governments Invest? The Impact of ICTs on the Gross Capital Formation of New Firms " In *ITS-Europe*. Vienna, 2014.

García-Murillo, Martha, Jorge Velez-Ospina, and Patricia Vargas-Leon. "The Impact of ICTts on Entrepreneurship." In *ITS- Biennial Conference*. Bangkok, Thailand, 2012.

García-Murillo, M., Velez-Ospina, J. (2012). *Where Should Governments Invest? The Impact of Economic, Political, Social and Technological Factors on the Formation of New Firms*. Paper presented at the CPR-LATAM Communications Policy Research Latin America Conference (Formerly ACORN-REDECOM), May 18th.

Workshops and invited presentations

- **Regulators Training Workshops: These are workshops for infrastructure regulators from all over the world. I provide training for these individuals on the follow topics:**

Next Generation Networks, sessions on Technology, Drivers, Services and Licensing. PURC/Warrington College of Business Administration University of Florida, Gainesville, FL, (Jan 2011, 2012; Aug. 2012-2016)

García-Murillo, Martha. "Broadband and Universal Access." In *DIRSI Workshop*. Lima, Peru, 2011.

García-Murillo, M. (2010). *Telecom Policy in Latin America*. Paper presented at the Ecole Politechnique Federal de Lausanne: e-gov Executive Master's degree. Veracruz, Mexico, June 3rd.

- **Theory Construction Workshops: These workshops are all related to theory construction. The objective was to help scholars to develop their own explanations. I have conducted multiple workshops on the different aspects of theory development at conferences and universities around North and South America.**

García-Murillo, M. (2012), *Making a Contribution Part II: (A) Process vs. static theories, (B) Concepts, the building blocks of theory*
Training workshop, Americas Conference on Information Systems, Seattle, WA August 8th
Training workshop, i-Conference, Toronto, Canada, February 22nd2012.
Training workshop, Simon Fraser University-SLAIS, Vancouver Canada, February 4th, 2011
Training workshop, Americas Conference on Information Systems, Detroit, MI August 12th, 2011.
Training workshop, Americas Conference on Information Systems, Lima, Peru, August 12th, 2010.
Training workshop, iConference, Urbana-Champaign, IL., February 5th, 2010.

AWARDS AND HONORS

2016-2017   **Fulbright Scholarship, Spain. Institut Barcelona D'Estudis Internacionals.**

2014-   **Columbia Institute for Tele-Information fellow, Columbia University**

2015   **Institut Barcelona D'Estudis Internacionals,** Telefonica Chair - Visiting Research Fellowship

2013   **Phi Beta Delta Society member**,
An international honor society dedicated to recognize scholarly achievement in international education. It provides scholarships to deserving students and helps enhance our knowledge about various cultures around the world.

2010   **AIS Volunteer Spotlight**
For the development of a community of Latin American Scholars in the information systems field, the hosting the conference in Mexico and the creation of RECALSI, the first Spanish language academic journal in the field.

2008   **Jeffrey Katzer Professor of the Year Award**
The professor of the year award is voted by the students which allows the winner to deliver a speech during convocation.
http://www.garciamurillo.com/teaching-award-speech.html

2004   **Program on Latin America and the Caribbean (PLACA) Grant**
Syracuse University, Maxwell School of Citizenship,
Analysis of the universal services programs in Latin America

2003   **NET Institute Grant**,
New York University
Study of Internet Telephony

1996   **Dissertation Fellowship,** Phi Beta Kappa

1993   **"Gabino Barreda" Medal** for top GPA at UNAM

1992-1993   **Graduate Tuition Award,** Earthward Bound Foundation

1992   **"The Best Student of Mexico"** Medal

1992   **Passed with Distinction**, Professional Examination, UNAM

SYRACUSE UNIVERSITY SERVICE (Representative)

Senate Committee on Appointment & Promotions
Senate Committee on Budget and Fiscal Affairs, Chair
Leadership and Culture Program for International Students
School of Information studies Cultural Learning Initiative
School of Information Studies Executive Committee
School of Information Studies Personnel Committee
Slutzker Center Orientation for International Students
Future of the Professoriate, trainer
Chancellor Search Committee
Community Engagement & Economic Development