

## Carlos Bianchi

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### 1- Current positions

- Associate Professor, full time, Institute of Economics, (IECON), Universidad de la República (UDELAR), Uruguay
- Researcher Level I at the National System of Researchers, Uruguay.
- Member of the National Council of Innovation, Science and Technology (CONICYT), Uruguay

### 2- Research interest

Economics of development and innovation. Microeconomics of Innovación. Science, Technology and Innovation Policies. Health innovation and biotechnology.

### 3 - Education

2012. Ph.D in Economics, Institute of Economics, Universidade Federal de Rio de Janeiro (UFRJ), Brazil.

2007. M.Sc. in Economic History School of Social Sciences (FCS). UDELAR.

1999. Br. Sociology, FCS, UDELAR.

### 4 - Research projects (Recent)

2017 "Work organization, knowledge sources and innovative performance: a panel data analysis for the Uruguayan industry 2004-2015". Selected and supported by University Commission of Scientific Research. Team leader.

2015-2016 "Promotion of firm innovation in Uruguay: an inquiry on the effects of tax credits and subsidies". Supported by IADB. Senior researcher.

2013-2014 "What Capabilities Do the New Innovation and Structural Change Policies in Uruguay Require?" Selected and supported by the IADB Program: "Building Institutional Capabilities for Productive Development Policies (RGK1198)". Team leader

### 5 - Publications (Selected)

#### 5.1 - Peer-reviewed journal articles (Selected)

Bello, A. Bianchi, C. (2018) "Educational diversity, organizational structure and innovation performance: Evidence from Uruguayan industry". *Estudios de Economía* 45(2). Accepted

Bianchi, C., Bianco, M., Ardanche, M., & Schenck, M. (2017). "Healthcare frugal innovation: A solving problem rationale under scarcity conditions". *Technology in Society*, 51, 74-80.

Bianchi, C. (2016) "Brazilian Health Biotechnology Innovation System: an essay about the public policy rationale", *Fronteiras: Journal of Social, Technological and Environmental Science*, 5 (1).

Bianchi, C. Cohanoff, C. (2015) "Vinculación basada en la investigación: diversidad de conocimientos para la resolución de problemas productivos". *Trilogía, Ciencia, Tecnología y Sociedad*. 7 (12) 59-75.

Bianchi, C (2013) "The role of innovation policies in the Brazilian health biotechnology regime". *Latin American Business Review*.14: 309–332.

Bianchi, C (2013) "A Indústria Brasileira de Biotecnologia: montando o quebra-cabeça." *Revista Economia & Tecnologia*. 9(2):99-116

Bianchi, C (2012) "Grupos de pesquisa em biotecnologia moderna no Brasil: uma revisão sobre os fundamentos da política de CTI". *Revista Iberoamericana de Ciencia, Tecnología y Sociedad*. 7(21) pp. 23-43.

#### 5.2 - Book chapters (Selected)

Bianchi, C. Pittaluga, L. Fuentes, G. (2018) "The Capacity Required by Innovation and Structural Change Policies in Uruguay", In: Fernández Arias, E. Stein, E. *Building Institutional Capabilities for Productive Development Policies*. IADB, Washington, D.C.

- Bianchi, C. Torres, C. (2018) "Biotecnología para salud humana, estrategias de desarrollo y políticas públicas. Brasil 2004-2016". In: Lavarello, P. Gutman, G. Sztulwark, S. (Coord): *Explorando el camino de la imitación creativa: la industria biofarmacéutica argentina en los 2000*, Buenos Aires, Ed. C. Kenigstein.
- Pittaluga, L. Rius, A. Bianchi, C. González, M (2016) "Cattle Traceability, Biotechnology, and Other Stories of Collaboration in Uruguay" In: Fernández-Arias, E., Sabel, C., Stein, E. H., Trejos, A. (Ed). *Two to Tango: Public-Private Collaboration for Productive Development Policies*. IADB, Washington D.C.
- Bianchi, C. Bianco, M. Ardanche, M. Schenck, M (2015) "Inclusive innovation and policy mismatch in health care. A Uruguayan local experience". In: Cassiolato, J. Soares, M.C. (Eds) *Health Innovation Systems, Equity and Development*. pp 297-320. IDRC-Globelics-Redesist. Rio de Janeiro.
- Bianchi, C. Bianco, M. Snoeck, M. (2014) "Value attributed to STI Activities and Policies in Uruguay". In: Crespi, G. Dutrénit, G. (Eds) *STI Policies for Development: the Latin American Experience*. Springer. pp 133-155.

### **5.3 - Working papers and other publications (Selected)**

- Berrutti, F. Bianchi, C. (2017) "Assessing the effect of public funding on private innovation investment in Uruguay". Serie Documentos de Trabajo, DT 04/2017. IECON-FCEA-UDELAR, Uruguay.
- Bianchi, C. Gras, N. Sutz, J. (2011) "Make, buy and cooperate in innovation: evidence from Uruguayan manufacturing surveys and other innovation studies". pp 97-122 In: Cimoli, M. Primi, A. Rovira, S. *National innovation surveys in Latin America: empirical evidence and policy implications..* CEPAL, Santiago de Chile.

### **6 – Journal Reviewer: (Selected)**

*Technology in Society; International Journal of Technology and Globalisation (IJTG); Journal of Engineering and Technology Management; Revista de Ciencia Política; Annals of Public and Cooperative Economics; CEPAL Review; Innovation and Development; Revista Brasileira de Inovação; Technovation; Structural Change and Economic Dynamics; Revista REDES, Evaluation and Program Planning; Cuadernos de Administración; Innovar. Journal of Administrative and Social Sciences; Universitas Humanística*

### **7 - Teaching experience (Current Courses)**

- Research Methodology, Br. in Economics. FCEyA, UDELAR.
- Seminar of Research and Thesis, Master in Economics, FCEyA, UDELAR.
- Theories of Economics Development, Master in Economics History, FCS, UDELAR.
- Economics of Innovation, Master in Economics, FCEyA, UDELAR.

### **8- Ph.D. and Ms. thesis supervision. (Current)**

- Melissa Hernández "Sistema de innovación industrial y demanda de conocimiento: Industrialización Dirigida por el Estado en Uruguay". Ph.D in Economics History. FCS-UDELAR. .
- Melissa Ardanche "Políticas públicas de CTI en el Uruguay de hoy (2005-2015): análisis sobre la traducción entre la "identidad normativa" Master in Science, Technology and Society, Universidad Nacional de Quilmes. Argentina.
- Federico Defranco. "Políticas de popularización de ciencia, tecnología e innovación: fundamentos, aplicaciones y resultados. Uruguay 2007-2014" Master in Innovation Management. School on Engineering, UDELAR.
- Virginia Alonso. "Los grupos de investigación nacionales de orientación científico-tecnológica. Una mirada en torno a la actividad científica en TIC y biotecnología". Master in Sociology. FCS-UDELAR.