

Carlos Bianchi (August 2021)

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1- Current positions

- Associate Professor, full time, Institute of Economics (IECON), FCEA, UDELAR, Uruguay
- Researcher Level I at the National System of Researchers, Uruguay
- Director of the Institute of Economics (IECON), FCEA, UDELAR, Uruguay
- Member of the GLOBELICS Scientific Board

1.1. Former positions

- 2016-2019 Member of the National Council of Innovation, Science and Technology, Uruguay.
- 2016-2018 Coordinator of the Master in Economics, FCEA, UDELAR

2- Research interest

Economics of Development and Innovation, Science, Technology and Innovation Policies, Health innovation regimes, Research Methodology.

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.

2000. Postgraduate in Economics, FCS, UDELAR.

1999. Br. Sociology, FCS, UDELAR.

4 - Research projects (Recent)

2020- Trapped in the middle? Latin American developmental challenges: structural change, democracy and environmental sustainability. Supported by UDELAR RDT. Team leader.

2019- Collaboration Networks and invention in Latin America: evidence from patent data. Supported by ANII, Uruguay. Senior researcher.

2017-2019 Work organization, knowledge sources and innovative performance: a panel data analysis for the Uruguayan industry 2004-2015. Supported by CSIC – UDELAR. Team leader (with Alejandro Bello-Pintado).

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

2013-2014 What Capabilities do the New Innovation and Structural Change Policies in Uruguay Require? Supported by IDB (RGK1198). Team leader.

4.1 Extension and divulgation projects.

2019-2020. STI Policies in Uruguay: What? Why? What results? Supported by CSIC – UDELAR. Team leader (with Isabel Bortagaray and Santiago Dogliotti).

2019-2020 “STI Policies in Uruguay and the contribution to the sustainable development”. Supported by United Nation Development Program (UNDP). Team leader (with Isabel).

5 - Publications (Recent)

5.1 - Peer-reviewed journal articles

- Bianchi, C. Galaso, P. Palomeque, S. (2021) “The tradeoffs of brokerage in inter-city innovation networks”. *Regional Studies*. <https://doi.org/10.1080/00343404.2021.1973664>
- Bianchi, C. Galaso, P. Palomeque, S. (2021) “Patent Collaboration Networks in Latin America: extra-regional orientation and core-periphery structure”. *Journal of Scientometric Research* 10(1s): s59-s70. DOI: 10.5530/jscires.10.1s.22
- Bello-Pintado, A. Bianchi, C. (2021) “Workforce education diversity, work organization, and innovation propensity”. *European Journal of Innovation Management*. 24(3) 756-776. <https://doi.org/10.1108/EJIM-10-2019-0300>
- Bello-Pintado, A. Bianchi, C. (2020) “Consequences of open innovation: effects on skill-driven recruitment”. *Journal of Knowledge Management*. 24(2) 258-278. <https://doi.org/10.1108/JKM-08-2019-0437> .
- Berrutti, F., Bianchi, C. (2020). “Effects of public funding on firm innovation: transforming or reinforcing a weak innovation pattern?” *Economics of Innovation and New Technology*, 29:5, 522-539, <https://doi.org/10.1080/10438599.2019.1636452>.
- Bianchi, C. (2019). “Diversity, novelty and satisfactoriness in health innovation”. *Journal of Evolutionary Economics*, 29(3): 1059–1081. <https://doi.org/10.1007/s00191-019-00619-w>
- Bello-Pintado, A. Bianchi, C. Garcia-Marco, T. (2019) “Firm’s innovation in Latin-America: between persistent features and new challenge”. *Management Research*. Editorial Special Issue. 17(4): 353-358. <https://doi.org/10.1108/MRJIAM-10-2019-924>
- Tomassini Urti, C., Bianchi, C., Couto Soares, M. C. (2019). “Health-related knowledge production in Brazil: regional interaction networks and priority setting”. *Innovation and Development*. 9(2): 187-204, <https://doi.org/10.1080/2157930X.2019.1567937>.
- Bello-Pintado, A. Bianchi, C. (2018) “Educational diversity, organizational structure and innovation performance: Evidence from Uruguayan industry”. *Estudios de Economía* 45(2) 203-229. <https://estudiosdeconomia.uchile.cl/index.php/EDE/article/view/51346/57112>
- 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. <https://doi.org/10.1016/j.techsoc.2017.08.001>

5.2 - Guest Editor

Dr. Alejandro Bello-Pintado; Dr. Carlos Bianchi; Dr. Teresa Garcia-Marco. “Changes and persistence in Latin-American firm’s innovation” (2019), Special Issue in: *Management Research*. Vol. 17 (4).

5.3 – Books and books chapters

- Bianchi, C. Pittaluga, L. Fuentes, G. (2018) “The Capacity Required by Innovation and Structural Change Policies in Uruguay”, In: Stein, E; Cornick, J. Fernández-Arias, E. Dal Bó, E. Rivas, G. *Building Capabilities for Productive Development*. IDB, Washington, D.C. DOI: <http://dx.doi.org/10.18235/0001182>. 81-121
- Bianchi, C. Guarga, R. (2018) “Ciencia, tecnología, innovación y desarrollo: el papel de las universidades en América Latina”. En: Guarga, R. (Coord): *A cien años de la reforma universitaria de Córdoba. Hacia un nuevo manifiesto de la educación superior latinoamericana*. IESALC-UNESCO, UNC. Córdoba. 87-114. <https://www.iesalc.unesco.org/wp-content/uploads/2020/08/educacion-superior-reforma.pdf#page=87>

- Bianchi, C. Torres, C. (2018) “Biotecnología para salud humana, estrategias de desarrollo y políticas públicas. Brasil 2004-2016”. En: 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. 65-80.
- Pittaluga, L. Rius, A. Bianchi, C. González, M (2016) “Cattle Traceability, Biotechnology, and Other Stories of Collaboration in Uruguay” En: Fernández-Arias, E., Sabel, C., Stein, E. H., Trejos, A. (Ed). *Two to Tango: Public-Private Collaboration for Productive Development Policies*. IDB, Washington D.C. <https://publications.iadb.org/en/two-tango-public-private-collaboration-productive-development-policies-0>
- Geremia, F. Bianchi, C. Stallivieri, F. Savi, D. (2015) "Adensamento tecnológico do sistema de saúde brasileiro: desafios para a política de compras governamentais". En: Costa, L. Gadelha, C. Bahia, L. (Ed) *Saúde Desenvolvimento e inovação*. Editora Científica, FIOCRUZ, Rio de Janeiro. ISBN: 978-85-89737-92-0 (Artículo arbitrado)
- Bianchi, C. Snoeck, M. (2009) *Ciencia, Tecnología e Innovación a nivel sectorial: desafíos estratégicos, objetivos de política e instrumentos*. ANII, Montevideo. 128 pp. ISBN: 9789974816671
- Pittaluga, L. Bianchi, C. Roman, C. Snoeck, M. Zurbriggen, C. (2008) *Redes de Innovación: políticas e instrumentos*. Agencia Nacional de Investigación e Innovación, Montevideo. 206 pp, ISBN: 9789974361249.

5.4. Working papers

- Bianchi C., Isabella F., Picasso S. (2021) “La restricción de balanza de Pagos en países especializados en commodities: Repensando el modelo de Thirlwall a la luz del último súper boom de precios”. Serie Documentos de Trabajo, DT 07/2021. Instituto de Economía, Facultad de Ciencias Económicas y Administración, Universidad de la República, Uruguay.
- Bianchi C., Isabella F. Picasso S. (2020) “La trampa de ingresos medios: nuevas exploraciones sobre sus determinantes”. Serie Documentos de Trabajo, DT 18/2020. Instituto de Economía, Facultad de Ciencias Económicas y Administración, Universidad de la República, Uruguay.
- Laguna, H. Bianchi, C. (2020) “Firm’s innovation strategies and employment: new evidence from Uruguay”. Serie Documentos de Trabajo, DT 06/2020. Instituto de Economía, Facultad de Ciencias Económicas y Administración, Universidad de la República, Uruguay.
- Bianchi, C. Galaso, P. Palomeque, S. (2020) “Invention and Collaboration Networks in Latin America: Evidence from Patent Data”. Serie Documentos de Trabajo, DT 04/2020. Instituto de Economía, Facultad de Ciencias Económicas y Administración, Universidad de la República, Uruguay.
- Bello-Pintado, A. Berrutti, F. Bianchi, C. Blanchard, P. (2019) “Knowledge searching strategies, testing for complementarities on the innovation behavior of the firm”. Serie Documentos de Trabajo, DT 18/2019. Instituto de Economía, Facultad de Ciencias Económicas y Administración, Universidad de la República, Uruguay.

6 - Journal Reviewer

Desarrollo y Sociedad, Estudios de Economía, Desarrollo Económico, Journal of Knowledge Management, Management Research, Economics of Innovation and New Technology, Technology in Society; Prometheus; International Journal of Technology and Globalisation; Journal of Engineering and Technology Management; Revista de Ciencia Política (Chile); Revista de Ciencias Sociales (Uruguay); Annals of Public and Cooperative Economics; CEPAL Review; Innovation and Development; Revista Brasileira de Inovação; Technovation; Structural Change and Economic Dynamics; Revista REDES (Argentina); 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. FCEA, UDELAR.

Seminar of Research and Thesis, Master in Economics, FCEA, UDELAR.

Theories of Economics Development, Master in Economics History, FCS, UDELAR.

Economics of Innovation, Master in Economics, FCEA, UDELAR.

8- Human Resource Training. (Recent)

Bruzzone, Giulia. Título a definir en el problema de investigación: “Estrategias empresariales de innovación y protección del conocimiento”. Master in Economics FCEA-UDELAR. (On going).

Gerardo Agresta. “Desafíos para la gestión de la innovación en la IM”. Master in Innovation Management. School of Engineering (FING) UDELAR. (On going).

Francis Liurner “Modelos de crecimiento con restricción de balanza de pagos. Enfoques multisectoriales”. Master in Economics FCEA-UDELAR. (On going).

Isabella Antonaccio. “Demanda de conocimiento y formación en TIC y desarrollo territorial”. Master in Economics and Industrial Development. Universidad Nacional General Sarmiento, Buenos Aires, Argentina. (On going).

2018 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. (On going)

2020. Dekhil, Raja. “Innovation and competition in transition countries”. AfricaLics/Globelics Innovation and Development Mentorship Programme – (Finished).

2020. Maximiliano Machado. “Heterogeneous Innovation Persistence: Evidence from Uruguayan Firms”. Master in Economics FCEA-UDELAR. (Approved).

2019. Micaela Vidal Jaureguy “¿Existe complementariedad entre los obstáculos a la innovación? Un análisis para el caso uruguayo”. Master in Economics FCEA-UDELAR. (Approved).

2019. Federico Defranco. "Políticas de popularización de ciencia, tecnología e innovación: fundamentos, aplicaciones y resultados. Uruguay 2007-2014". Master in Innovation Management. School of Engineering (FING) UDELAR. (Approved)

2019. Hugo Laguna. “Las estrategias de innovación y sus efectos sobre el empleo. Una aproximación a nivel de firma para Uruguay”. Master in Economics FCEA-UDELAR. (Approved).