

## CARLA M. BONINA, PHD

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Citations: <https://scholar.google.com/citations?hl=en&user=yvLFJpAAAAAJ>  
Twitter: @carlabonina

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### PROFILE

I am a social scientist and policy advisor with over 15 years of experience studying the economic and social impacts of digital innovation. My current research focuses on open data and open innovation, digital platforms, social innovation and sustainable development. I am considered a Latin America expert.

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### EDUCATION

**London School of Economics and Political Science (LSE)** 2007 – 2012

Department of Management

*PhD in Management, Information Systems and Innovation Group.* Thesis title: On Public Values and Information Technology in Government: a Critical Discourse Analysis of Trade Regulations in Mexico

Supervisor: Prof Chrisanthi Avgerou

**Centro de Investigación y Docencia Económicas (CIDE)** (Mexico City) 2002 – 2004

*MA in Public Administration and Public Policy*

G.P.A: 9.7/10 - Top Ranked Student Last 10 cohorts

**Universidad de Buenos Aires, School of Economics** (Buenos Aires) 1996 – 2001

*BA in Economics* (6 year program) G.P.A: 8.26/10

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### ACADEMIC EMPLOYMENT

**Senior Lecturer (Associate Professor) in Entrepreneurship and Innovation** 7/2020 –  
**Surrey Business School**

Leading research into the transformational impact of digital technologies on economy, society and global sustainable development. Fostering collaboration with industry, government and civil society to influence policy and decision-making. Developing funding opportunities for the team's research.

**Lecturer (Assistant Professor) in Entrepreneurship and Innovation** 9/2014 – 6/2020  
**Surrey Business School**

**Postdoctoral Fellow in Technology and Innovation, Dep. of Management** 1/2013 – 6/2014  
**London School of Economics and Political Science (LSE)**

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### OTHER RESEARCH AND INDUSTRY APPOINTMENTS

2021– Fellow, [Surrey Institute for People-Centred AI](#)

2021– Data Pop Alliance, Research Affiliate

2020– Advisory Board Member, [Pulsante](#) (Civic Tech Fund by *Fundacion Avina*, Luminate and Open Society Foundations)

2020– Responsible Data & AI Manager, The Veterinary Health Innovation Engine ([vHive](#)), University of Surrey Vet School; Lead Organiser [The Companion Animal Open Data Hackathon](#)

2019– Member, Centre for Social Innovation Management (CSIM), University of Surrey

2019– Member, Law and Technology Hub, School of Law, University of Surrey

2018– Advisory Board Member, Digital House (Start-Up based in Argentina)

2014– Member, [Surrey Center of Digital Economy](#), University of Surrey (co-founding member)

2014– Principal Researcher, *Iniciativa Latinoamericana por los Datos Abiertos* (ILDA)

2014– Fellow, Center for Organization Research & Design, Arizona State University

- 2020 Judge, *EmpatIA*: Artificial Intelligence for development in Latin America (reviewed 70+ projects)
- 2018 – 2019 Digital Transformation Advisor, Government of the City of Buenos Aires
- 2018 – 2019 Judge, MIT Inclusive Innovation Challenge
- 2008 – 2014 Research Expert in digital innovation, LSE Enterprise
- Summer 2010 Summer Doctoral Fellow, Oxford Internet Institute, University of Oxford
- Fall 2003 Visiting Scholar, LBJ School of Public Affairs, University of Texas at Austin

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## RESEARCH WORK IN PROGRESS

- Digital Platforms for Development, Editor (Routledge, Book proposal under way)
- Governing data and civic technology platforms for democracy: lessons from *Por Mi Barrio* (with C Aguerre, University of San Andres, Buenos Aires), *under review* (AJG 4)
- Digital social innovation and change: managing hybrid risks in Latin America (with MR Scarlata, U Bergamo, S Matos, Surrey and J Hall, Sussex), presented at Babson College Annual Entrepreneurship Research Conference (June 2021), in preparation for *Research Policy*
- Digital Future perspectives from the Global South (with A Addo, Surrey, and C Avgerou, LSE), in preparation for MIS Quarterly (AJG/ABS 4\*)
- Accurate and unbiased? Deconstructing facial recognition discourses in the UK (with R Colman, LSE)
- Open Data Platforms to Foster Entrepreneurial Innovation: The Case of the Government of Buenos Aires (with B Eaton and S Henningson), target *Journal Association of Information Systems/JIT* (AJG 4)
- Entrepreneurship and poverty in Argentina (with J Hall and S Mattos), target: *Journal of Business Venturing* (ABS 4\*)

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## PUBLICATIONS

### Impact Case

- Improving policies and practice for digital government transformation in Latin America, Impact Case submitted to the UK Research Excellence Framework 2021 (*achieved highest quality score by internal and external reviews at SBS*). Summary video 2:21 mins: <https://www.youtube.com/watch?v=tr0Ay1iHs3s&t=6s>

### Journal Articles

- Bonina, C., Koskinen, K, Eaton, B. and Gawer, A., 2021, Digital Platforms for Development: Foundations and Research Agenda, *Information Systems Journal* (AJG/ABS 4), Special Issue Digital Platforms for Development (leading article), Volume 31, Issue 6, pp.869-902, open access <https://doi.org/10.1111/isj.12326>
- Bonina, C., Lopez-Berzosa, D. and Scarlata, MR, 2021, Social, Commercial, or both? A quantitative study of the identity orientation of digital social innovations, *Information Systems Journal* (AJG/ABS 4), Special Issue Digital Social Innovation, Volume 31, Issue 5, pp. 695-716, open access <https://doi.org/10.1111/isj.12290>
- Bonina, C. and Eaton, B., 2020, Cultivating Open Government Data Platform Ecosystems through Governance: Lessons from Buenos Aires, Mexico City and Montevideo, *Government Information Quarterly* (AJG/ABS 3) Volume 37, Issue 3, 101479, open access <https://doi.org/10.1016/j.giq.2020.101479>
- Avgerou, C. and Bonina, C, 2020, The effects of ideologies on IT in government: a critical discourse analysis of Mexico's foreign trade administration, *Information Systems Journal* (AJG/ABS 4); Vol. 30, Issue 1, pp. 70–95. <https://doi.org/10.1111/isj.12245>
- Cordella, A. and Bonina, C., 2012, A Public Value Perspective for ICT Enabled Public Sector Reforms: A theoretical reflection, *Government Information Quarterly* (AJG/ABS 3), Vol. 29, Issue 4, pp. 512–520. <https://doi.org/10.1016/j.giq.2012.03.004>

### Book Chapters

- Bonina, C. and Scrollini, F., 2020, Opening up and governing health data in Latin America, in *Making Open Development Work*, edited by M.L. Smith and R. Seward, MIT Press, Cambridge: MA.

- Gurin, J, Bonina, C, and Verhulst, S, 2019, Open data and the private sector, *The State of Open Data*, Davies and Walker Eds, *African Minds and IDRC*, May. <https://doi.org/10.5281/zenodo.2677776>
- Koskinen K., Bonina C., Eaton B. 2019, Digital Platforms in the Global South: Foundations and Research Agenda. In: Nielsen P., Kimaro H. (eds) *Information and Communication Technologies for Development. ICT4D 2019. IFIP Advances in Information and Communication Technology*, vol 551. *Springer*, Cham. [https://doi.org/10.1007/978-3-030-18400-1\\_26](https://doi.org/10.1007/978-3-030-18400-1_26)
- Martin, A. and Bonina, C., 2014, Open Government and Citizen Identities: Promise, Peril, and Policy, in *Open Development: Technological, Organizational, and Social Innovation in International Development*, edited by M.L. Smith and K. Reilly, *MIT Press*, Cambridge: MA.
- Bonina, C., 2012. Building ICT Critical Infrastructures for Trade Regulations: Implications from a National Initiative in Mexico, In: *ICT Critical Infrastructures and Society*, M. Hercheui, D. Whitehouse, W. McIver, and J. Phahlamohlaka (Eds), *Springer*, Boston, pp. 22–33.
- Mariscal, J. and Bonina, C., 2008, Mobile Phone Usage in Mexico: Policy and Popular Dimensions, in *Handbook of Mobile Communication Studies*, James Katz (Ed.), *MIT Press*, Cambridge: MA.

### Conference Proceedings and symposia (selected)

- Bonina, C., B. Eaton, and S Henningson, 2019, Governing the Supply Side of Open Data Platforms: evidence from Buenos Aires, *6th Innovation in Information Infrastructures (III) Workshop*, University of Surrey, UK.
- Bonina, C., B. Eaton, and S Henningson, 2018, Governing Open Data Platforms to Cultivate Innovation Ecosystems: The Case of the Government of Buenos Aires, *ICIS 2018 Proceedings*, San Francisco, CA.
- Bonina, C., and B. Eaton, 2018, The Governance of Third Party Innovation in Open Government Data Platforms: Evidence from Buenos Aires, Mexico City and Montevideo, *Academy of Management's Big Data Conference*, April 18-20, Surrey, United Kingdom.
- Bonina, C., I. Castello and others, 2018, Redefining Digital Engagements to Create Social Value (panel), *Academy of Management's Big Data Conference*, April 18-20, Surrey, United Kingdom.
- Bonina, C., J Liebenau and S Elaluf-Calderwood, 2014, Modularity theory, technology innovation and business models. Cases in financial technology in the UK, *29th European Group of Organisation Studies (EGOS) Colloquium Proceedings*, Rotterdam.
- Liebenau, J., S. Elaluf-Calderwood and C. Bonina, 2014, Modularity and network integration: emergent sustainable services in mobile payment systems, *47 Hawaii International Conference on System Sciences (HICCS)*.
- Bonina, C., 2012, Technologies are more than tools: Searching for public values within e-government and public sector reforms, *28th European Group of Organisation Studies (EGOS) Colloquium Proceedings*, Helsinki, Finland. **\*\*Nominated for best paper award\*\***

### Working papers, reports and other articles

- Bonina, C. 2021, Impact Monitoring and Management. A Practical Guide for *Pulsante's* Fund for Civic Empowerment Organizations (report).
- Bonina, C., Arregui Coka, D, Perez, A, Rojas, M. and Rozo, M., 2021, *Big Data para el desarrollo sostenible en Latinoamérica y el Caribe*, Data Pop Alliance for AECID (report).
- Aguerre C. and Bonina, C., 2019, *Por Mi Barrio. Lecciones, Hallazgos y Futuro*, Working Paper, <http://doi.org/10.5281/zenodo.2531028>
- Bonina, C., 2019, *Open Data for Business in Argentina*, The World Bank: Washington, DC.
- De la Fuente, C., Bonina, C., and Belbis, J., 2019, *Open Data Readiness Assessment for Argentina*, The World Bank: Washington, DC.
- Koskinen, K., Bonina, C., and Eaton, B., 2018, Digital Platforms in the Global South: Foundations and Research Agenda. DIODE Working Paper No. 8, Centre for Development Informatics, Global Development Institute, University of Manchester. <http://doi.org/10.5281/zenodo.1566694>
- OECD (2017), *Assessing the Impact of Digital Government in Colombia: Towards a new methodology*, OECD Digital Government Studies, OECD Publishing, Paris, <https://doi.org/10.1787/9789264283282-en> (Written Chapters One and Two).

- Bonina, C., 2015, Co-creación, innovación y datos abiertos en ciudades de América Latina: lecciones de Buenos Aires, Ciudad de México y Montevideo, *Documento de Trabajo ILDA*.
- Bonina, C., 2014, The Value of Open Data, in *Latin American and Caribbean TLD Association (LACTLD) Magazine*, Edition 4, Year 3.
- Bonina, C., 2013, New business models and the value of open data: definitions, challenges and opportunities, NEEMoDe Network Working paper.

## RESEARCH GRANTS, HONORS AND AWARDS

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- 2021 Surrey Business School, Mid-Career Researcher of the Year
- 2021 University of Surrey, FASS Academic Disruption fund (£3,950)
- 2020 Surrey Business School, Impact Award – for outstanding contributions to research-led impact
- 2020 RCUK ESRC Surrey Impact Acceleration Account (IAA) research grant: ‘Pet Hack 2020’, June-August 2020, PI (£2,000)
- 2019 Government of the City of Buenos Aires, Argentina: “Open Data Governance and Innovation”, PI (ARS\$ 102.000)
- 2018 – 2021 Bill & Melinda Gates Foundation/Zoetis: “A.L.P.H.A” (African Livestock Productivity and Health Advancement). Part of Surrey CoDE’s team to work in partnership with the vHive research Centre at Surrey (Total £15M/£1M to UoS)
- 2017 – 2018 RCUK ESRC “Development Implications of Digital Economies (DIODE) Research Network”, Co-PI (£130,842)
- 2018 RCUK ESRC DIODE Research Network, PI for synthesis study on digital platforms and international development (£2,500)
- 2016 - 2019 European Commission H2020: “Audio Commons: An Ecosystem for Creative Reuse of Audio Content”, Co-PI (€3M/£200K to SBS)
- 2015 University of Surrey, Research Pump Priming Fund, Co-PI (£4,700)
- 2013 - 2014 RCUK, NeMoDe Grant: “Big Data for finance: emerging trends in business models, innovation and technology”, Co-PI (£49,958)
- 2013 RCUK, NeMoDe Grant: workshop grant on “Big data and new business models” and two-day community meeting, Co-PI (£18,500)
- 2013 RCUK, NeMoDe Grant: “Open data and new business models”, PI (£3,000)
- 2007 - 2012 LSE Research Studentship (£26,850)
- 2009 LSE Annual Fund Granted for the ISRF seminar series (£2,000)
- 2007 - 2010 European Commission - Alban Scholarship (€60,000)
- 2006 - 2007 Mexican Ministry of the Economy, project grant for research in e-government and competitiveness, PI (US\$ 138,000)
- 2002 - 2004 Fellowship CIDE Fully-funded student (US\$ 34,000)
- 2001 Universidad de Buenos Aires, BA in Economics: Awarded Magna Cum Laude

## PRESENTATIONS, INVITED TALKS AND SEMINARS (SELECTED)

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- Jun 2022 London AI Summit, Invited Panellist “Responsible AI is the Future: AI Ethics in Government”
- May 2022 IFIP 9.4 Conference: Panel host “AI for freedom and social inclusion? Limits and possibilities in the Global South”. Video: <https://youtu.be/j8LyEELFRMY>
- Nov 2021 *Information Systems Journal* Webinar Special Issue Digital Platforms for Development, Presenter leading article. Video: <https://www.youtube.com/watch?v=AARZQEawVs8&t=6s>
- Oct 2021 University of Surrey, Co-Host for Webinar “Digital Transformation, Data and AI: Why it matters more than ever”
- May 2021 IFIP 9.4 Conference, Panel host and speaker on “Governance of open data: lessons learned and prospects”
- March 2021 University of Surrey Open Research Awards, Presenter “Open data and innovation: The PetHack 2020” Video: <https://www.youtube.com/watch?v=VtEDfPuw6G8>
- January 2021 Surrey Business School, Festival of Research, “Accelerating Impact within the Faculty”
- June 2019 World Bank, DC, Lead Academic presentation for invitation-only seminar with World Bank senior staff on “Digital Economy in Latin America: the role of Governments”
- June 2019 Royal Holloway, University of London, DOS Conference on Digital Platforms, “Digital social innovation in Latin America”

May 2019	Open Government Partnership Summit, Ottawa, “A canvas for Impact Assessment in Civic Tech”
May 2019	Royal Holloway, University of London, “Digital Platforms and International Development”
March 2019	UK Department of Culture, Open Gov Week, Invited Panellist on Gender Data Gap
March 2019	Open Knowledge International, IWD Invited speaker webinar Women in the Open
Dec 2018	CAF/Presidencia de Uruguay, presentation of co-authored report on <i>Por Mi Barrio</i>
Nov 2018	Open Data Institute Summit, Invited panellist, “Open data and Business”
Sep 2018	IODC 2018, various presentations
Mar 2018	The Organization of American States, invited speaker webinar on “Open Data Ecosystem in the Americas”
Nov 2017	Open Government Regional Summit, Buenos Aires. “Disruption in Open Education”
Oct 2017	Oxford Internet Institute, “Open Data Platforms and innovation in Latin America”
June 2015	Social Media Week, Mexico City. “Why you should turn into social entrepreneurship”
June 2015	Data for Policy 2015, University of Cambridge. “Big data and open APIs in banking”
Nov 2014	Data Transparency Lab, Barcelona. “The value of personal data and its controversies”
April 2014	Nominet, UK Internet Policy Forum 2014. “The value of open data”
Nov 2012	Invited Expert, European Commission Workshop on Social Networks for Organisations

## TEACHING

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### Surrey Business School

*Module leader.* Courses: E-Business Strategy (graduate, 2019 onwards), Digital Economy project (graduate, 2020 onwards), Social Media platforms (undergraduate, 2020 onwards); Entrepreneurship and business modelling (graduate 2015 - 2017), entrepreneurship in the digital domain (undergraduate, 2015), entrepreneurship and innovation (graduate, 2014, undergraduate 2015)

*Executive education.* The value of open data (2015, 2016), entrepreneurship and value proposition design (2015)

### Universidad de San Andrés, Center of Technology and Society, *Internet Governance Diploma*

*Module Leader.* Digital Economy course and Masterclass (2021)

### Iniciativa Latinoamericana por los Datos Abiertos (ILDA)

*Module leader* online course on Open Data, “Understanding the Demand for Open Data” (Costa Rica 2017-2018, Uruguay 2019, Mendoza, Argentina 2019)

### London School of Economics and Political Science - Department of Management

*Teaching Assistant.* Courses: Analytical methods for management (2013-2014), Information Systems Management (2008); Information systems for the public sector (2009); information systems in business (2009-2012)

### Centro de Investigación y Docencia Económicas

*Teaching Assistant.* Course: Microeconomics for public policy (graduate level) (2004 – 2006)

### Universidad de Buenos Aires - School of Economics

*Teaching Assistant.* Course: Econometrics I (undergraduate level) (2000 – 2002)

## SUPERVISION OF POSTGRADUATE STUDENTS

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### PhD Supervision – Surrey Business School

Joint supervisor, Benita Matthews (School of Law). Final Year (already placed as Assistant Professor in Greenwich Law School)

Second supervisor, Martin Harraca (second year); Francesca Bottino (starting Jan 2022)

## CONSULTING AND POLICY EXPERIENCE

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### 5/2021 – 12/2021 [Pulsante](#) Organizations Fund (Fundación Avina, OSF and Luminate)– Lead Consultant in Impact Management

Led design and implementation of an impact monitoring and evaluation tool for the 7 selected organisations supported by Pulsante. Directing and managing a team of researchers to work closely with partners organisations in the implementation of the tool.



**5/2021 – 12/2021 [Indela Fund](#) (Fundación Avina, OSF and Luminate)– Lead Consultant of Evaluation**

Led evaluation of the performance of the venture philanthropy fund Indela (Digital rights and civic technology fund). Managed a multidisciplinary team of researcher, designed the research and wrote the reports and the strategy recommendations for the fund and based on a multi-methods study in the region.

**12/2017 – 6/2019 The World Bank, Consultant in Open Data**

Lead consultant for the Open Data Readiness Assessment (ODRA) in Argentina, with special focus on Open Data for Business. Conducted fieldwork with 40+ delegates from Ministries, led specialised roundtables, written report for business engagement, co-written ODRA report and policy recommendations for the country.

**5/2017 – 6/2018 Fundación Avina, Lead Researcher in Civic Tech**

Lead researcher for an evaluation of the civic technology platform *Por Mi Barrio*, implemented in Uruguay and Costa Rica. Designed the research and supervised a team to produce findings and policy recommendations based on an in-depth case study of the initiative in Latin America.

**11/2015 – 1/2016 OECD, Consultant: Impact Assessment for Digital Government in Colombia**

Designed a digital government impact assessment methodology for Colombia's Digital Government strategy, based on international trends. Written an extensive report on Colombia's background strategy to assist the OECD team working on the ground.

**4/2015 – 8/2015 Fundación Avina, Strategic Consultant**

Provided strategic advice on ways forward for a network of social entrepreneurs and civic tech in Latin America (*Desarrollando América Latina*).

**10/2008 – 7/2014 LSE Enterprise, Research Expert in innovation and digital government**

Client: French Utility Company (2013)

*Expert on open data and business models for Smart Cities*. Co-authored a research report on the role of data-driven models for value creation in city ecosystems.

Client: Telenor, Norway (2012)

*Expert on Internet Innovation and Value Network Analysis*. Conducted data analysis for a research paper that mapped the dynamics of digital services innovation by major operators in the telecom and internet industry.

Client: Organisation for Economic Co-Operation and Development – OECD (2010)

*Expert on the E-Governance Indicators Project*. Co-authored an extensive document on the state of government back-office integration policy and the value creation effects of e-government.

Client: Kazakhstan Ministry of Justice (2008)

*Research Expert on "Road map on Electronic Licensing implementation"*. Co-authored a road map proposal to modernize the licensing system for starting and opening a business in Kazakhstan, based on international experiences.

**2/2004 – 5/2007 Centro de Investigación y Docencia Económicas (CIDE), Telecom-CIDE, Mexico Research Associate**

Telecom-CIDE, a research program hosted at CIDE tasked to have impact in ICT policy and regulation. I led, coordinated, and ultimately delivered several research projects on telecoms regulation, government innovation and technologies for development. I led strategic fundraising initiatives, most of them highly successful.

Key projects I led include: The effects of e-government policies on Competitiveness (2000-2006) (*Mexican Ministry of the Economy*), Socio-economic impacts of mobile telephony in Mexico (*Telefonica Movistar*), Fixed Telephony tariffs in Mexico (*Telmex*), Assessing the impact of WiFi technologies in Los Libres (*IDRC*), Universal Telecoms Access in Latin America (*World Bank/RegulateIt*), Bridging the Digital Divide and Reducing Poverty in Rural Mexico (*USAID*), Partners in Learning (*Microsoft*)

**3/2005 – 12/2005 Institute for Connectivity of The Americas (ICA/IDRC)**

**Research Officer** – Project: ICT Governance for Poverty Reduction

**7/2001 – 8/2002 Ministry of Foreign Affairs and International Trade, Argentina**

**Economic Consultant** -- Office of Multilateral Trade Negotiations

Wrote instructions for Argentine mission to the World Trade Organization (WTO) in Geneva on agriculture issues. Led and drafted Argentina's position regarding the safety aspects of foods derived from biotechnology.

## **PROFESSIONAL SERVICE**

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**Associate Editor** *Information Systems Journal* (AJG/ABS 4)

**Invited reviewer** UNCTAD report on Digital Economy 2019

**Ad hoc reviewer** for *European Journal of Information Systems*, *Government Information Quarterly*, *Information and Organisation*, *Information Systems Journal*, *Journal of Information Technology*, *Journal of the Association of Information Systems*, *Journal of Strategic Information Systems*, *Information and Organisation*, *Long Range Planning*, *Organization Studies*, *Technovation*, Academy of Management Annual Meeting, International Conference of Information System (ICIS), MIT book series on digital governance, UKRI ESRC grants.

## **LANGUAGES**

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Fluent in SPANISH (native) and ENGLISH. Proficient in ITALIAN. Working knowledge of PORTUGUESE

## **REFERENCES**

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Available upon request