

Daniel Burgos  
Almansa Street, 101. 28040. Madrid. Spain  
Ph: +34 699 67 56 32, +34 617 04 05 62  
[daniel.burgos@unir.net](mailto:daniel.burgos@unir.net); [daniel@danielburgos.eu](mailto:daniel@danielburgos.eu)  
Date of Birth: June, 5<sup>th</sup>, 1970



## Current Positions

- *2017-present.* **Founding director of the Research Institute for Innovation & Technology in Education (UNIR ITED)** at Universidad Internacional de La Rioja (UNIR) ([www.unir.net](http://www.unir.net)), focused on eLearning, Open Education and Learning Analytics, with 22 members, +23 research projects, 5 institutional chairs (IBM, Telefónica, UNESCO, ICDE, Aenor) and achievement of 17 Million Euro funding. UNIR is an online Higher Education institution with 32.000 students in +100 countries, and premises in Spain, Latam and USA
- *2019-present.* **Vice-rector for International Research** (<http://research.unir.net>) at UNIR. This vice-rectorate deals with the strategic vision for practical implementation of research, development and innovation projects, including project management and dissemination strategy. It also develops the strategy for international research, worldwide
- *2009-present.* **Full Professor in Technologies for Education & Communication.** Full-time permanent position at UNIR
- *2013-present.* **UNESCO Chair on eLearning** (<http://research.unir.net/unesco>)
- *2014-present.* **ICDE Chair in Open Educational Resources** (International Council for Open and Distance Education: <http://www.icde.org>)

## Research

- *2004-present.* Research activity mainly **focused on Open Science, Learning Analytics and ICT applied to Education.** Development of a number of projects **focused on Artificial Intelligence in Education, Learning Management Systems, disaffected youth in big cities, university drop-out, competence development and local training in rural areas, self-entrepreneurship, access to quality education, open science and open resources, accessibility and inclusion**
  - o **Contribution to +50 European research projects:** [Comanity](#), [KeyStone](#), [Edu-Hack](#), [OpenMed](#), [Virtual Tours](#), [Social Seducement](#), [Inspiring Science Education](#), [Open Educators Factory](#), [Espaq](#), [Qareer](#), [Social4ALL](#), Intuitel, [eMundus](#), [University Social Responsibility](#), Stellar, Gala, [Go-MyLife](#), Grapple, Unfold, ProLearn, [EU4ALL](#), Kaleidoscope, Come-In, etc. From researcher to coordinator. **Every project provides a practical implementation and impact into the Society** (see annex)
  - o **Publication of +100 research papers, and +100 keynote speeches** in: China, Canada, France, Germany, Latam, Russia, South-Africa, Tanzania, Tunisia, USA, etc. (see annex)

## Research appointments

- 2020-2024. Adjunct Professor of **Computer Science & AI** at [National University of Colombia](#)
- 2020-2023. Extraordinary Professor to [North-West University](#), Potchefstroom Campus, in the [Research Unit of of Self-Directed Learning](#), Faculty of Education, South Africa
- *2019-present.* Professor of **Learning & Teaching** (part-time) at [An-Najah National University](#), Nablus, Palestine
- *2019-2020.* Visiting Professor of **Digital Transformation** to the [National University of Colombia](#)
- *2018-2021.* Visiting Professor to [Coventry University \(UK\)](#), [Global Learning: Education and Attainment \(GLEA\)](#) with a special focus on attainment, integration and inter-culturality
- *2017-2019.* Visiting Professor to [University of the Army \(ESPE\)](#), Ecuador, **on Project Management**
- *2015-2018.* Senior Consultant to the [King Abdulaziz University](#), Saudi Arabia, as part of their **Saudi Vision 2030 in Society Transformation**

## Academic positions

- 2009-2013. **ATOS Origin-UNIR Chair in Technological Innovation**
- 2004-2009. **Assistant professor at the Open University of The Netherlands**, research on Technology-enhanced Learning and eLearning standards (First Unit of Learning in IMS Learning Design; development of IMS Content Packaging 1.2; first European **competence framework for online settings** –TENCompetence-)

## Academic Management & Entrepreneurship

- 2016-2019. **Vice-rector for Knowledge Transfer & Technology** (<http://transfer.unir.net>) at UNIR. With a special focus on international project development, outputs and outcomes, and how to exploit them into the market and the society
- 2011-2016. **Founding Vice-rector for Research & Technology** at UNIR. Handled **over 320 researchers distributed in 20 research groups**, which cover a large range of academic fields: Education, Law, Engineering, Usability, Accessibility, Neuro-psychology, Social behaviour, Social care and eLearning. Rise of 5 Million Euro funding
- 2009-2019. **Director of the Master of Science on eLearning & Social Networks** at UNIR, which counts 18 promotions and +1.000 students in 10 years, being the oldest and more sustainable master degree on the matter, in Spain and Latam
- 2009-2014. **Founding Dean of the School of Engineering** (<http://esit.unir.net>) at UNIR, which ended with a 3 Million Euro turnover, 10 academic degrees (Bachelor and Master level), 100 professors and +3.000 students, in 72 countries
- 2007-2011. **Director of Education Sector and Head of Labs (Educational Technology, e-Inclusion and Social Networks), in the Research & Innovation Department of Atos** (<http://www.atos.net>), Spain. Design and implementation of these Labs, in a unit of 12 people; development of 27 international research projects. Rise of 70 Million Euro in public research funding
- 1996-2004. **Founder and Dean of the first online School of Multimedia Communication (ESAC)**, which worked with over 200 professors and teachers, and graduated 6.000 students, out of postgraduate courses and academic degrees, in Spain and Latam

## Teaching

- 2004-present. University lectures on **eLearning, personalised learning, open education, analytics**:
  - o At UNIR, **Spain & Latam**, in the PhD programme in Computing Science, the PhD programme in Knowledge Society, the postgraduate course in Knowledge Science, the MSc in Project Development, the MSc on eLearning & Social Networks
  - o At University of the Army (ESPE), **Ecuador**, postgraduate on Research Competences
  - o At **Salamanca** University, Spain, PhD programme on Education in the Knowledge Society
  - o At King Abdulaziz University (KAU), **Saudi Arabia**, postgraduate in Learning Analytics for online assessment
  - o At Beijing Normal University (BNU), **China**, teachers' training programme on Learning Analytics for Improvement in Teaching
  - o In addition, **lectures and workshops about Open Science, Learning Analytics, intercultural learning, and ICT & Education competences for university faculty members in +50 countries** (Coventry in UK, Caddi Ayad Univ in Marrakech, Tecnológico de Buenos Aires in Argentina, MESI in Russia, ODLAA in Australia, United Nations-CS in Macau, ABED in Brazil, OpenMed project MOOC, An-Najah Univ in Palestine, Univ of Bahrain, Edu-Hack project MOOC, Virtual Tours project MOOC, Telefónica MOOC, etc.)
- 1990-2004. **Corporate training** for IBM, Telefónica, Marketing agencies (Publicis, Ogilvy, Bassat), **Government Institutions** in Spain (Court, Congress, Parliament, Presidency, Health, etc.), **Business Schools** (IEDE, CESMA), and **universities** in Spain (Complutense, Barcelona, Cádiz), El Salvador (Nacional), Colombia (Distrital), Venezuela (Conac), Chile (Valparaíso, Católica). **Focused on trainers' training, project management, distance education and multimedia-ICT education**

## Community and Network

- IEEE Senior Member (since 2019)
- Member of the Advisory Board at the [Big Data Center for Technology-mediated Education](#), at Beijing Normal University (since 2016)
- Chair (2016, 2018) and Deputy chair (2015, 2017) of the international jury for the **UNESCO King Hamad Bin Isa Al Khalifa Prize** for the Use of ICTs in Education
- Consultant to UNECE (The United Nations Economic Commission for Europe) about Education for Sustainable Development (ESD) (since 2019)
- **External consultant, evaluator and reviewer for the European Commission and the Russian Academy of Sciences** (ERA-NET, H2020-Reflective, H2020-Creativity, FP7-Research4SME)
- Consultant to foreign **Research and Education ministries** (Russia, Cyprus, Greece, Bosnia, Saudi Arabia, UK, et cetera), to transform face-to-face universities into online and blended institutions.
- **Member of various Editorial Boards** (Simulation & Gaming, International Journal of Technology-enhanced Learning, Sustainability); and **professional associations** (International Council for Open and Distance Education, Institute of International Education, New Media Consortium, IEEE, etc.)
- **Co-organisation of over 20 international congresses**, specially: European Conference on Technology-Enhanced Learning (EC-TEL) (2007, 2010, 2011), IEEE International Conference on Advanced Learning Technologies (ICALT) (2006), UNESCO-UNIR ICT & Education Latam Congress (2016), UNIR iTED Congress: eLearning and Open Education in practice (2017), Intern. Workshop on Higher Education Learning Methodologies and ICT Online (HELMeTO, 2019, 2020)

## Academic background

- 2019. Professional Certificate Postgraduate Programme in **Machine Learning and Artificial Intelligence** at the Massachusetts Institute of Technology (MIT, MA, USA).
- 2017, 2004. **Business Administration** (DBA, SMC University, Switz.; BA University of Lincoln, UK)
- 2016. **Anthropology** (PhD, University of Westminster, UK)
- 2013. **Education** (PhD, University of Barcelona, Spain)
- 2008. **Computer Science** (Dr. Ing. PhD, Carlos III University of Madrid, Spain)
- 2006. **Communication Science** (PhD, European University, Spain)
- 2002. **New Technologies for Information and Communication** (MSc, Open University, Spain)
- 2001. **Information Systems** (BSc, New York University, USA)

## Selected publications *(see annex for full list)*

- Burgos, D. (Ed.) (2020). [Radical Solutions and Learning Analytics: Personalised Learning and Teaching Through Big Data](#). Lecture Notes in Educational Technology. Singapore: Springer.
- Burgos, D. (2020). [A Predictive System Informed by Students' Similar Behaviour](#). Sustainability, 12 (2), 706.
- Burgos, D., & Corbí, A. (2018). [Transgenic learning for STEAM subjects and virtual containers for OER](#). Distance Education, 39:1, 4-18.
- Burgos, D. (Ed.) (2017) Open Education Policy. UNIR: Logroño, La Rioja (Spain). Open Access from <http://bit.ly/unir-openpolicy> (English) and <http://bit.ly/unir-educacionabierta> (español)

## Selected projects *(see annex for full list)*

- **Medici** (Mapping the Evolving Digital Inclusion landscape to support Cohesion and Integration). DG Communications Networks, Content and Technology. Ref: Ares (2018)2357655. [2018-2020] Main researcher & project coordinator. Funding: 900.000 Euros (Coordinator and PI)
- **OpenGame** (Promoting Open Education Through Gamification). Erasmus+ KA203: Strategic Partnerships for higher education. Project reference: 2019-1-ES01-KA203-065815. [2019-2022] Main researcher & project coordinator. Funding: 200.000 Euros (Coordinator and PI)