

# ALBERTO URRUTIA- MOLDES

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## PROFILE:

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Proven experience in the development of strong relationships with students, colleagues and administrations. Particular focus on creating, implementing and coordinating innovative programs and developing both personalised strategies and meaningful activities to propel learning in Higher Education. Inspirational tutor and meticulous examiner with an ability for recognising and encouraging individual growth. Demonstrates additional knowledge of research and content development.

A PhD in Architecture from the University of Sheffield (2020), a BSc in Construction Management (1993) and a BSc in Engineering (2007), with over 20 years of combined experience in construction, project management, procurement, and academia.

Taking roles as Site Manager in the construction industry, Project Manager and Sponsor in the prison industry, and Academic in Higher Education, I have utilised my broad training, skills and experience in construction project management, contracts management, procurement, contract risk management, contractual change management, supply chain management, effective communication, and interpersonal skills. I possess strong and diligent problem-solving skills with the ability to work in challenging conditions.

### *Demonstrated Skills & Abilities*

- Experienced in student development, class management, examination and marking.
- A proactive team player, planning and organizing with technical knowledge and problem-solving.
- Ability to solve complex problems successfully and tactfully by building consensus, eliciting cooperation, and managing conflicts.
- Full training in Microsoft office packages. Specialise in MS Project, Word, PowerPoint, Excel, OneNote and Outlook
- Project knowledge including Cost and report management throughout all project stages including tender, design, construction, and commissioning.
- Change management through project life including scope and deliverable monitoring, resourcing, and project tracking.
- Routledge published author 2022.
- Languages: English (Fluent), Spanish (Native)

## EDUCATION & TRAINING:

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### *Jul 2014 – Mar 2020 The University of Sheffield, UK, PhD in Architecture.*

I conducted cross-continental research on the consideration of health and well-being in the management of prison design projects in Scandinavia, the USA and Latin America. I interviewed designers and high-profile authorities from Norway, Finland, Austria, Germany, Denmark, Chile, the USA and the UK.

#### *Main skills learned and applied:*

- Interpersonal skills, and effective verbal and written communication
- Negotiation and timely delivery of products on agreed milestones
- VIP interviews, including architects, designers, prison authorities and policy advisors from the United Nations.

### *Mar 2005- Oct 2008 Universidad del Bio-Bio, Chile, BSc. (Hons) Industrial Engineering*

Primary modules include Project Management; Decision Making; Operational Management; Operational Research; Simulations; Industrial Management

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## **Mar 1987- Jun 1994 *Universidad del Bio-Bio, Chile , BSc. (Hons) Construction Management***

A 6-year BSc programme in Construction Engineering and Management. Primary modules include Construction Management, Building Surveying, Quantity Surveying, Physics of construction materials; Works Breakdown Structure, Fluid Mechanics, Thermophysical & Acoustics, and Topography.

## **AWARDS:**

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### **2014- 2018 *Chilean National Commission of Science and Technology (CONICYT)***

Full four-year PhD scholarship, awarded to conducting doctoral studies in the UK.

### **1987-1993 *University Student Bursary awarded by the Chilean Education Ministry***

## **ACADEMIC AND RESEARCH EXPERIENCE:**

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### **Nov 2021 – Present *GBS & Bath Spa University***

#### ***Module leader and Lecturer in Construction Management***

I lecture undergraduate students in the Construction Management BSC programme which is delivered by GBS Manchester in partnership with Bath Spa University. Duties include lecture planning, preparation and research, teaching time with students, checking and assessing students' work, and encouraging personal development via tutorial work.

My day-to-day duties as a module leader include:

- Responsibility for the overall design of modules;
- Responsibility for ongoing module design, maintenance and improvement;
- Responsibility for monitoring the module in operation;
- Responsibility for the effective coordination of colleagues who contribute to the design and delivery of modules.

### **Mar 2020 - Present *InnovaPublica, Latin America***

#### ***Associate Lecturer in Projects of Spaces for confinement,***

teaching online modules regarding the consideration of the health and well-being of users in the definition phase of prison projects and its importance for deliverable and success criteria definition. The module is part of the Diploma in Public Policy Strategies and Leadership of Juvenile Justice Services delivered online for Latin American governments.

### **Mar 2006 – Dec 2013 *University of Bio-Bio, Chile (Part-time)***

#### ***Lecturer in Construction Engineering***

lecturing undergraduate students in project management, bidding workshops, and designing building services engineering, including water supply and drainage pipes, in addition to sanitary engineering. Duties included module planning, preparation and research, teaching time with students, marking and grading student's work, and giving them feedback via tutorial work.

## **GRANTS**

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British Academy Conference Scheme 2022: Awarded funds for the organisation and delivery of the 2023 international conference: *Therapeutic spaces for dangerous minds: eco-psychosocially supportive prisons and forensic psychiatric wards*, submitted by Dr Evangelia Chrysikou (UCL), Dr Alberto Urrutia-Moldes (GBS), Dr Artemis Igoumenou (UCL), and Dr Helen Brown Coverdale(UCL)

## PUBLICATIONS

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### **Books:**

Urrutia-Moldes A. (2022) *Health and Well-being in prison design. A theory of prison systems and a framework for evolution*. New York and London, Routledge.

### **Book Chapters:**

Urrutia-Moldes A., Stevenson F. (2023) The Hybrid prison model and the Chilean case: A Critical Realist analysis of prison design and the prison systems through the lens of organised hypocrisy theory. In Jewkes, Y. and Moran, D. (ed.) *The Palgrave Handbook of Prison Design*

Urrutia-Moldes A. (2012). *El Problema Penitenciario*. In Morgado, P., Urrutia-Moldes, A. and Seguel, L. (ed.) "1er Seminario de Arquitectura Penal para una Reinserción Social" (pp. 20–27). Concepción, Chile

### **Edited books:**

Morgado, P., Urrutia-Moldes, A. and Seguel, L. (2012) *1er Seminario de Arquitectura Penal para una Reinserción Social* (1st Seminar of prison architecture for social resettlement). Concepción, Chile: Universidad del Bio-Bio. Icaro Printers.

### **Published Papers:**

Urrutia-Moldes, A. (2015) Using lighting to enhance positive behaviour in prisons. In *28th CIE SESSION Manchester, United Kingdom*. (pp. 1452–1459). Manchester, UK

## SELECTED LECTURES, TALKS AND CONFERENCES

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- 2021 **Lecture:** Prison design for health and well-being, Lecture for professional staff working in juvenile justice from Honduras. Innova Publica Seminars
- 2019 **Conference speaker:** How do designers consider health and well-being? Ljubljana, Slovenia. EuroPris Real Estate expert group conference, November 2019. Audience: Practitioners and academics from Europe, North America, and Oceania
- 2019 **Conference speaker:** Addressing health and well-being in prison design. Sheffield, UK. A DEP Research Meeting at The University of Sheffield, January 2019. Audience: Academics
- 2017 **Conference speaker:** Quality of Life in prison, Well-being, and Innovation. The University of Nottingham, October 2017. Audience: Academics
- 2016 **Poster presentation:** Health and well-being in prison design. Copenhagen, Denmark. WHO and PHE Health in Prisons Conference at the World Health Organization, Copenhagen, November 2016. Audience: Healthcare professionals, WHO policy advisors, and governmental Policymakers
- 2016 **Lecture:** Health and well-being in prison design. Santiago, Chile. Lecture for Architects of the Infrastructure National Department of the Chilean prison service, December 2016. Audience: Practitioners
- 2015 **Poster presentation:** Using lighting to enhance positive behaviour in prisons. Manchester, UK. Annual International Conference of Lighting: CIE Manchester Session. Poster presenter, June 2015. Audience: Academics and Lighting Industry
- 2015 **Conference speaker:** Using lighting to enhance positive inmates' behaviour. University of Cambridge, UK. PILAS Conference, June 2015. Audience: Academics
- 2015 **Conference speaker:** "Lighting as a tool to enhance positive behaviour in prisons"; White Rose DTC University of Sheffield; Planning for Impact Conference, May 2015. Audience: Academics
- 2015 **Lecture:** "The Impact of Lighting on Outcomes in Prison" The Mobile University: Public engagement with research, September 2015. Audience: General community.
- 2015 **Conference speaker:** "Using lighting to enhance positive behaviour in prisons"; Chalmers University of Technology, Gothenburg, Sweden; Erasmus Exchange Program Sheffield University - the Chalmers University of Technology, April 2015. Audience: Academics

## ALBERTO URRUTIA- MOLDES

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2012 **Conference speaker:** “The prison problem”; Universidad del Bio-Bio, Concepcion, Chile; Seminar in prison architecture and social reintegration, Concepcion, Chile, May 2012. Audience: Academics and Practitioners

### **INDUSTRIAL EXPERIENCE AND CONSULTANCY:**

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#### ***Nov 2021 – Oct 2022 International research “Con Buena Razon” (with good reasons)***

PI in the international consultancy study of the prison infrastructure and material conditions of confinement in Bolivia and Honduras. The project is financed by the European Commission through the European Human Rights Instrument.

#### ***May 2011 - Jan 2014 Gendarmería de Chile (Chilean Prison Service)***

##### ***Senior Project Manager,***

Heading the Planning and Projects Office at the Bio-Bio regional directorate of the Chilean Prison Service, managing projects to upgrade the security and quality of prison services and facilities for internal and external stakeholders.

##### *Main tasks:*

- Planning and managing projects from conception to securing funding
- Effective communication with internal and external stakeholders, including local authorities
- Assisting in identifying requirements and developing the client’s brief
- Dissemination of policies among stakeholders and internal customers

##### *Relevant projects include:*

- Design of a nursery at the female section of the Concepcion Prison
- A GIS project for the ‘Georeferentiation of offences and offenders’ residence for tailored intervention
- Organising the first international conference in penal architecture and rehabilitation held in Chile

##### *Main skills learned and applied:*

- Influencing/negotiation: from addressing the NIMBY community reaction
- Analytical thinking: from investigating causes of problems to developing projects to solve them
- Teamworking: working together with stakeholders from different backgrounds and organisations.

#### ***May 1998 - Apr 2011 Gendarmería de Chile (Chilean Prison Service)***

##### ***Head of Architecture & Construction Office***

Heading the regional office of Architecture and Construction at the regional directorate of the Chilean prison service in the Bio-Bio region, delivering projects of building refurbishments and new constructions in the 24 prison and parole facilities across 13 cities.

##### *Main tasks:*

- Manage programs and projects regarding capital refurbishments and upgrades of all prison facilities
- Leading the design management, procurement, execution, handover, and final use of deliverables
- Assisting the procurement of services, pre-contract design development, and works required.
- Prison security risk assessments, identifying physical and technical deficiencies in prison facilities
- Hold the Site Managers accountable for maintaining Programmes, and issuing of appropriate site returns and paperwork
- Building surveying: inspection of facilities, identifying pathologies and causes, and proposing interventions

##### *Key challenges:*

- Three major prison riots (1999, 2003, 2008), with several building elements set on fire.
- A massive 8.9 magnitude earthquake that affected simultaneously all the prison facilities of the region.

##### *Main skills learned and applied:*

- Problem-solving: from technical problems such as lowering the excessive consumption of potable water to emergency responses to critical events such as riots, fires or even a formidable earthquake.
- Leadership: I continuously work on mastering the ability to enthuse and influence others by gaining their trust and support. Develop all team members to meet their full potential.

## ALBERTO URRUTIA- MOLDES

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- Confident communicator: Successfully communicating complex matters to relevant financiers, authorities, and stakeholders from different social and cultural backgrounds, including construction workers, inmates, healthcare professionals, designers, authorities, and politicians.

***Oct 1995 – Apr 1998 MFL, Concepción, Chile***

***Chief Construction Officer***

*Main tasks:*

- Responsible for the construction branch of the company with multiple, simultaneous construction projects, across geographical locations
- Ensuring that each project was managed to ensure delivery according to quality, time (programme focus to meet milestones and objectives), and cost.

*Key projects include:*

- Educational Sector: Construction of the central library, Catholic University. Concepción, Chile; 2,495 m<sup>2</sup>; £ 978K
- Educational Sector: Construction of Buchupureo boarding school; 1,450 m<sup>2</sup>; £ 650k
- Housing sector: Design and construction projects (five projects of 140 to 250m<sup>2</sup> houses in different locations of the Bio-Bio region)

***Dec 1993 – Oct 1995 Salfa Corp Construction Company, Concepción, Chile***

***Site Manager***

*Main tasks:*

- Based on-site to manage and coordinate the delivery of the construction works
- Supervision and management of all site personnel
- Procurement of sub-contractors, including tender analysis, and order placement
- Managing sub-contractor packages, including variations, disputes and negotiations

*Key projects include:*

- Healthcare sector: Refurbishing of the General Hospital in the city of Chillan; 1,219 m<sup>2</sup>; £720K
- Commercial sector: Construction of Head Quarters of 'Millalemu Forest Company' in Chillan; 2,100 m<sup>2</sup>; £823K
- Educational Sector: Construction of Sciences Building, Catholic University. Concepción, Chile; 1,295 m<sup>2</sup>; £771K
- Housing sector: Construction of 8-storey housing building, Concepcion; 4,300 m<sup>2</sup>; £1,5M

## REFERENCES:

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Available on request.