

# ALBERTO URRUTIA- MOLDES

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## PROFILE:

I am a positive, enthusiastic, analytic, and goal-oriented professional with 20+ years of experience as a Construction Project Manager, dealing with a multidisciplinary set of customers and delivering multiple projects in challenging settings. My cross-disciplinary knowledge which spans from construction to industrial engineering to social sciences research, allows me to address complex problems, applying both technical and social approaches.

## INDUSTRIAL AND ACADEMIC EXPERIENCE:

**Lecturer in Construction Management, GBS/Bath Spa University (Full-time) Nov 2021 – Present**

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.

**International Consultancy “Con Buena Razon” (With good reason) Nov 2021 – Aug 2022**

I was designated as PI in the international 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 and is executed in Bolivia by the Italian NGO Progettomondo, and in Honduras by the NGO Progettomondo in consortium with the Centre for Human Development (CDH), Dokita, and the San Alonso Rodríguez Foundation (FSAR).

**Full-time PhD student, School of Architecture, University of Sheffield July 2014 – March 2020**

I conducted intercontinental research on the architectural factors that improve the health and well-being of the users of prison buildings and how they are addressed by designers and key decision-makers.

**Senior Project manager, Gendarmería de Chile (Chilean Prison Service) May 2011 - Jan 2014**

I was appointed to create and manage the planning and project office for the Chilean prison service at the Bio-Bio region, 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 which actors from different backgrounds and organisations.

**Head of Architecture & Construction Office, Chilean Prison Service May 1998 - Apr 2011**

I headed the regional office of architecture and construction at the Chilean prison service in the Bio-Bio region, managing a team of 6 to address the delivery 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

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- Hold the Site Managers accountable for maintaining Programmes, and the issuing of appropriate site returns and paperwork
- Building surveying: inspection of facilities, identifying pathologies, 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 massive 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.
- 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.

## Lecturer in Construction Engineering, University of Bio-Bio, Chile (Part-time) Mar 2006 – Dec 2013

I lectured undergraduate students in project management, bidding workshops, and water supply and sewage pipes design. Duties included lecturing planning, preparation and research, teaching time with students, checking and assessing students' work, and encouraging personal development via tutorial work.

## Head of Construction at MFL, Concepción, Chile.

Oct 1995 – Apr 1998

### *Main tasks:*

- Responsible for 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)

## Site Manager, Salfa Corp Construction Company, Concepción, Chile

Dec 1993 – Oct 1995

### *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

## EDUCATION:

### PhD in Architecture at the University of Sheffield, UK

Jul 2014 – Mar 2020

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

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## *Main skills learned and applied:*

- Interpersonal skills, and verbal and written communication: Through talks and conference presentations
- Negotiation and timely delivery of products on agreed milestones: Through the arrangement of VIP interviews, including architects, designers, prison authorities in Norway, Finland, the USA, and Chile, and policy advisors from the WHO and the UNDOC.

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

1st Grade in a 3-year BSc programme. Main modules include Project Management; Decision Making; Operational Management; Operational Research; Simulations; Industrial Management

**BSc (Hons) Construction Engineering at Universidad del Bio-Bio, Chile** **Mar 1987- Jun 1994**

1st Grade in a 6-year BSc programme in Construction Engineering and Management. Main Modules include Quantity Surveying, Construction Management; Building surveying, Physics of construction materials; Works Scheduling, Fluid Mechanics; Thermophysical & Acoustics; Topography.

## **AWARDS:**

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

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

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

## **LANGUAGE AND IT SKILLS:**

Languages: Spanish (native speaker); English (full professional proficiency)

IT skills:

- Advanced level: MS Office (Excel, Word, PowerPoint), MS Team, NVivo
- User level: Moodle, MS Project, 2DAutoCAD, SPSS, Mendeley, Google Tools (Drive, Meet, Docs, Calendar, Keep, Gmail).
- Some basic knowledge: FlexSim, Excel VBA.

## **REFERENCES:**

Available by request.