

CURRICULUM VITAE VERSIÓN RESUMIDA**ANTECEDENTES PERSONALES**

Nombre Galo Valdebenito Montenegro		Rut 10.679.143-0	
Fecha de Nacimiento 06-01-1970	Sexo (M o F) M	Nacionalidad	Chilena
Profesión Ingeniero Civil	Grados Académicos Lic. En Ciencias de la Ingeniería Doctor en Ingeniería Sísmica y Dinámica de Estructuras		
Cargo actual Prodecano Facultad de Ciencias de la Ingeniería			
Instituto/ Facultad Instituto de Obras Civiles, Facultad de Ciencias de la Ingeniería			
Teléfono 56 9 93225776		Correo electrónico gvaldebe@uach.cl	
Identificador único ORCID		orcid.org/0000-0003-1872-9484	

FORMACIÓN ACADÉMICA

Institución	Grado Académico	Periodo	Disciplina o área del conocimiento
Institución Universidad de Concepción	Lic. Ciencias de la Ingeniería	1990 – 1997	Ingeniería Civil
Universidad Politécnica de Catalunya	Doctor	2003 - 2009	Ingeniería Sísmica

ANTECEDENTES ACADEMICOS Y LABORALES, indicando al principio su propia formación Doctoral y Postdoctoral, incluyendo experiencia en formación de estudiantes e investigadores postdoctorales.

a. Cargos y Empleos Anteriores.

2005 - 2006 Invited professor, MSc in Seismic Engineering and Structural Dynamics, School of Civil Engineering, Technical University of Catalonia, Barcelona, Spain.

2002 - 2003 Part – time professor at Centro de Formación Técnica Austral, Universidad Austral de Chile, Valdivia, Chile.

1997-1999 Part–timeprofessoratSchoolofArchitecture,UniversityofTemuco,Temuco,Chile.

1997-1999 Part–timeprofessoratSchoolofArchitecture,UniversityofTemuco,Temuco,Chile.

2002 - current Founder of"ARKO Architecture and Engineering, Inc", Valdivia, Chile. Technical advisory in structural and seismic engineering, seismic risk, seismic hazard and geophysical instrumentation, seismic surveys, heritage structures assessment.

1996 - 1998 Trainee Engineer at "GESCHE ENGINEERS LTD", Temuco, Chile. Technical advisory in hydraulics and agricultural engineering, irrigation and drainage, hydrology, technical" inspection. Position: Structural trainee engineer

b. Estadías de Perfeccionamiento en otras Instituciones.

2003 – 2009 PhD in Seismic Engineering and Structural Dynamics, Department of Geotechnical Engineering and Geosciences, School of Civil Engineering, Technical University of Catalonia, Barcelona, Spain. Title of the Thesis: "Passive Seismic Protection of Cable-Stayed Bridges Applying Fluid Viscous Dampers under Strong Motion". Director: Dr. Angel C. Aparicio

c. Membresías Profesionales.

International Institute of Earthquake Engineering and Seismology (IIEES), Iran
Asociación Chilena de Sismología e Ingeniería Sísmica [ACHISINA], Chile

d. Distinciones.

2009: Distinción máxima cum laude de defensa de Tesis Doctoral "Passive Seismic Protection of Cable-Stayed Bridges Applying Fluid Viscous Dampers under Strong Motion". Universitat Politècnica de Catalunya, Barcelona, España.

e. Número de Tesis dirigidas (separar por: Pregrado, Magíster y Doctorado)

Pregrado: 28
Postgrado: 2 (En proceso de finalización)

PUBLICACIONES EN MEDIOS CON COMITÉ EDITORIAL.

Aguilar, V., Sandoval, C., **Valdebenito, G.** [2015] "Shear Strength Estimation of Reinforced masonry Walls Using Artificial Neural Network and Experimental Database", Structure and Infrastructure Engineering [Enviado]

Valdebenito, G., Alvarado, D., Márquez, M., Valenzuela, M., [2015] "Evaluación e Incidencia de los Efectos de Sitio en la Determinación del Peligro Sísmico Local en la Zona de Emplazamiento del Puente Chacao, Chile", Revista de la Construcción [Accepted].

Alvial, J., **Valdebenito, G.**, Schanack, F. "Expedición de Reconocimiento Zona Epicentral. Terremoto del Maule, Chile, 2010", Revista de la Construcción [Accepted].

Schanack, F., **Valdebenito, G.**, Alvial, J. [2012], "Seismic Damage to Bridges During the February 27, 2010, Chile Magnitude 8.8 Earthquake", Earthquake Spectra, Vol. 28, No. 1, pp. 301 – 315

Almendra, O., **Valdebenito, G.** [2011], "Daños y Efectos del 27F en la Región de La Araucanía: Desafíos para la Planificación Territorial", Nadir: Revista Electrónica de Geografía Austral, Año 3, No. 2.

EXPERIENCIA EN INVESTIGACIÓN.

2015 "Virginia Tech – Universidad Austral Collaboration on Seismic Risk Research" Project Funded by Department of Research and Development (Universidad Austral de Chile) and Virginia Tech University. DID PROYECTO V TECH 1 Position: Main Researcher Status: Not Finished

2015 – 2022 "MERIC: Marine Energy Research and Innovation Centre. Research Project: Technologies Development and Adaptation to Natural Hazards and Local Constraints" Project Funded by CORFO, Chile. Position: Collaborator Status: Awarded

2015 – 2016 "Implementation of a Methodology for the Inspection and Analysis of Cultural Heritage Wooden Structures in Southern Chile. The Case of Casona Haverbeck, Valdivia, Chile". Project funded by Department of Research and Development, Universidad Austral de Chile. DID S 2015-68 Position: Collaborator Status: Not finished

2014 – 2016 "Effects of Vegetation on Channel Morphodynamics: A Multiscale Investigation in Chilean Gravel-Bed Rivers" Project Fondecyt Regular Competition 119062013 Position: Collaborator. Status: Not Finished

2014 – 2015 "Characterization of the Patrimonial Vulnerability Starting from the Urban Seismic Risk. A Local Architectonic Focus Applied to Valdivia". Project Funded by Department of Research and Development Position: Collaborator Status: Not finished

2014 "Use of Geophysical Methodologies and Non-Invasive Structural Exploration Techniques for Cultural Heritage Buildings. Application for Restoration of Museum of Contemporary Art (MAC), Valdivia, Chile" Project funded by Ministry of Public Works, Chile. DID I 2014 - 07 Position: Main researcher Status: Finished

2014 - Current "Re-evaluation of the Seismic Demand for Chacao Channel Bridge. Definition of the Seismic Hazard Including Crustal Seismicity and Site-Effects". Research Commitment between Ministry of Public Works and Universidad Austral de Chile. Position: main researcher Status: Not finished

2013 – 2015 "Analysis and Characterization of the Seismic Hazard Applying Probabilistic and Deterministic Strategies at Región De Los Ríos, Chile" Project funded by Department of Research and Development, Universidad Austral de Chile. DID S 2013 - 55 Position: Main researcher Status: Finished.

2013 "Application of Passive Seismic and Ground Penetrating Radar Techniques for Archaeological Surveys. Archaeological Restoration at Don Felipe Historical Park, Magallanes, Chile" Project funded by DIBAM and Institute of Patagonian, University of Magallanes (Chile). This project is supported by Direction of Research and Development, Universidad Austral de Chile as part of the main project: "Archaeological Restoration at Don Felipe Historical Park", Magallanes, Chile. Project directed by Alfredo Prieto. DID I 2013 - 13 Position: Main Researcher Status: Finished

2010 – 2012 "Characterization of Connectors for Timber-Concrete Mixed Bridges in Southern Chile". Project funded by Department of Research and Development, Universidad Austral de Chile, Valdivia, Chile. S 2010 - 28 Position: Collaborator Status: Finished.

2010 – 2012 "Seismic Risk Assessment of IX Region, Chile". Project funded by Ministry of Housing and Urbanism, Government of Chile. Position: Director and main researcher Status: Finished

2010 – 2012 "Seismic Vulnerability of the Urban Area of Valdivia, Chile". Project funded by Department of Research and Development, Universidad Austral de Chile, Valdivia, Chile. DID S 2010 - 51 Position: Main researcher Status: Finished.

TRANSFERENCIA TECNOLÓGICA E INNOVACIÓN.