



Julio Bermudez, Ph.D., Associate AIA

Executive Summary

School of Architecture and Planning – The Catholic University of America – Washington, DC, USA

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Education

Ph.D. in Education, University of Minnesota, USA, 1994.

Master of Architecture, University of Minnesota, USA, 1990.

Diploma Architect. Universidad Católica de Santa Fe, Argentina, 1982.

Academic Appointments (selected, longest appointments)

Professor (tenured), School of Arch & Planning, CUA, 2010-now.

Assistant/Associate Professor (tenured), College of Arch+Planning, U. of Utah, 1993-2010.

Instructor, College of Design, University of Minnesota, 1987-1993.

Awards & Honors (selected)

2010 Sasada Award. Assoc. for Computer-Aided Arch Design Research in Asia (CAADRIA).

2007 CA+P Professor of the Year Award. College of Architecture + Planning (University of Utah).

2006 ACADIA Award for Teaching Excellence. Assoc. for Computer-Aided Design in Arch.

2005 Premio Trayectoria Creativa. Iberoamerican Society of Digital Graphics (SIGraDi).

2004-05 ACSA Creative Achievement Award. Assoc. of Collegiate Schools of Architecture.

Research Experience (selected)

fMRI Study of Architecturally-Induced Contemplative States (2009-14) (\$10,100). PI.

Cyber-Security Visualization for Increased Situational Awareness. IC-ARDA Grant, 2003-05 (\$750,000). Co-PI.

Data Display to Detect-Diagnose-Treat Critical Events, NIH Grant, 1999-2004 (\$2,236,853). Co-PI.

Publications (9 selected from a total of 140 for academic career)

"Externally-induced meditative states: an exploratory fMRI study of architects' responses to contemplative Architecture", *Frontiers of Architectural Research* (2017) 6(2):123–136.

Architecture, Culture and Spirituality (London, UK: Ashgate Press, 2015).

Transcending Architecture. Contemporary Views on Sacred Space (Washington: CUA Press, 2015).

"Considering the Relationship Between Phenomenology and Science," *EAP* (2014) 25(3): 51-54.

"Fenomenología, Arquitectura y Espiritualidad," *ANDINAS* (2013) 2:9-23.

"Amazing Grace. New Research into 'Extraordinary Architectural Experiences' Reveals the Central Role of Sacred Places," *Faith & Form* (2009) XLII(3): 8-13.

"Immateriality in Architecture," *JAE* (2008) 62(2), Co-editor w/ Thomas Barrie.

"Architectural Research in Information Visualization: 10 Years After", *IJAC* (2006) 4(3):1-18.

"Between Art, Science, And Technology: Data Representation Architecture", *Leonardo* (2005) 38(4):280-285, 296-297.

Patents

Method and Apparatus for Monitoring Dynamic Systems Using N-Dimension... (#7,603,631 B2, 2009)

Systems and Methods for Displaying and Querying Heterogeneous Sets... (# 7,593,013 B2, 2009).

Method and Apparatus for Monitoring Dynamic Cardiovascular Function.... (# 7,413,546 B2, 2008).

Exhibits & Performances (last 10 years)

"Professing Architecture: Connecting Architecture, Culture, and Spirituality" (with Claudio Silvestrin and Randall Ott, and work of CUA students), *AIA-DC*, Washington DC (2014)

"Box of Miracles, Contemplating a 21st Century Convent" (with Alberto Campo Baeza and Luis Boza, and work of CUA students), *Henry Luce III Center for the Arts and Religion*, Washington DC (2013).

"Usus in Praesens," Exhibit of Drawings (with Caroline Lavoie), *AGarte Art Gallery*. Argentina (2008).

"Fabled Sisters", multimedia/digital performance (with 7 collaborators) at *Oberlin College*. OH (2004)

Service (extramural, selected from last 10 years)

Co-founder & President, *Architecture, Culture & Spirituality Forum*, 2007-now.

Director, *Cultural Studies & Sacred Space Graduate Concentration*, CUA, 2010-now

Co-founder & Director, *Int'l Exchange Program between U of Utah and UNL*, Argentina, 1995-2010.

Co-founder, Executive Committee member, and US representative, *SIGraDi*, 1997-2010.

Editorial Board Member, *the Journal of Architectural Education (JAE)*, 2006-2009.

Steering Committee Member, *ACADIA*, 1998-2007.