



## 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)

Associate 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 from last 10 years)

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 from last 10 years)

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 (last 10 years, 9 selected from 54 -- of a total of 130 for academic career)

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

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

"fMRI Study of Architecturally-Induced Contemplative States," *2014 ANFA Conference*, La Jolla, CA.

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

"Fenomenologías Extraordinarias de la Arquitectura Sagrada," *Arquitectura del Sur* (2012) 42:88-101

"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 & Executive Committee member, *Architecture, Culture & Spirituality Forum*, 2007-now.

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

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

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

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

Int'l Advisory Board Member. *Int'l Society for Art, Science and Technology (Leonardo)*, 2003-06.