

# CARL LOSTRITTO : CV

## EDUCATION

- 2012 Master of Science in Architectural Studies, Design & Computation, Massachusetts Institute of Technology
- 2008 Master of Architecture, University of Maryland
- 2006 B.S. summa cum laude in Architecture, University of Maryland

## TEACHING

Assistant Professor at Rhode Island School of Design

- 2013, 2014 Computing Drawing: Animating the Thick Surface Advanced Studio
- 2012, 2013 Making of Design Principles Studio
- 2012, 2013 Architectural Projection
- 2013, 2014 Architectural Analysis
- Mentor to Graduate Student Instructors, Winter Session
- 2014 Rory Stevens: Digital Fabrication, output vs. input
- 2014 Jamie Graham: Architectural Drawing, Methods + Materials
- 2013 Burgess Voshell: Experiments in Digital Fabrication
- 2013 Mariasa Paz: A Drawing Language
- Instructor at Boston Architectural College
- 2012 Architectural Geometry and Digital Craft Advanced Studio
- 2012, 2011 Computing Drawing Space Workshop
- Instructor at Massachusetts Institute of Technology
- 2012, 2013 Minority Introduction to Engineering and Science, Architecture Project Course
- Instructor at The Catholic University of America
- 2010 Graduate Digital Media Concentration Studio
- 2010 Graduate Digital Media Concentration Seminar: Animate Image (with Lavinia Pasquina)
- Instructor at The University of Maryland
- 2008-2010 Computer Applications in Architecture
- 2010 Digital Media for Urban Design
- 2009 Graduate Architectural Design Studio 1 (with Ronit Eisenbach)
- 2009 Topical Studio: Sustainable Skins (with Madlen Simon and Carl Bovill)
- 2008 Architectural Design Studio 1 (Instructor and Coordinator with Courtney Miller Bellairs)

## INVITED DESIGN REVIEWS / GUEST PRESENTATIONS TO COURSES

- RISD Department of Teaching + Learning in Art + Design (Nancy Friese Seminar)
- RISD Department of Interior Architecture (Michael Beaman Studio)
- Columbia University GSAPP Architectural Drawing and Representation II (Kurgan, Leung, Wilson studio)
- Boston Architectural College (Joseph Choma studio, Guerra Pastrían + Pérez Ramos studio)
- Catholic University of America, (Luis Boza M.Arch studio, Elizabeth Emerson studio)

Corcoran College of Art + Design, (Jonathan Healey studio)  
MIT, (Cristina Parreño Alonso Studio)  
Pratt Institute (Michae Su, Coordinator, Undergraduate Degree Project)  
University of Hartford (Daniel Davis studio)  
University of Maryland (Michael Ambrose studio, Colleen Gove Healey studio)

#### EXHIBITIONS

- 2014 *Parameters of Time: Computing and Drawing Slowly*. Solo exhibit at the University of Maryland Linear Gallery. College Park, MD (opens March 30, 2014). Ronit Eisenbach, Curator.
- 2014 *Swell*. Group exhibit at GRIN. Providence, RI. Corey Oberlander and Lindsey Stapleton, Curators.
- 2013 *Fig.03:That then Disappear in the Building of it*. Group exhibit by The Draftery at The Gallery at Sasaki. Watertown, MA. Athanasiou Geolas and Jesen Tanadi, Guest Curators.
- 2013 *Drawing Surfaces*. Solo exhibit and installation at NADAAA Gallery. Boston, MA. Katie Faulkner, Curator.
- 2013 *BB-001-004*. Faculty Biennial. Group exhibit. RISD Museum.Providence, RI. Mark Moscone, Curator.

#### LECTURES AND WORKSHOPS

- 2013 MIT. *Designing and Computing: Some Lines Going for a Walk*. MIT Department of Architecture, Design and Computation Public Lecture Series.
- 2013 Corcoran College of Art + Design. *The Computer Did it, Revising Conceptions of Authorship Given Pervasive Digital Media*. Shared Voices Series.
- 2012 RISD. *Tracing Computing Culture, Pre-digital to Post-digital*. Department of Architecture Lecture Series
- 2012 Pennsylvania State University. *Programming as Design: Creating Drawings, Mediating Human Input and Controlling Machines*. Lecture and Workshop at College of Arts and Architecture, Stuckerman Center for Design Computing
- 2011 NADAAA Inc. *Programming Media*, Professional Seminar Series
- 2009 Corcoran College of Art + Design. *Being Parametric*, Advanced Digital Graphics Studio, open lecture.

#### PUBLICATIONS

- 2013 *How to make sure that time, force and flaws don't disappear, despite the computer*. The Draftery Draftery Fig. 03 "that then disappear in the building of it." Edited by Athanasiou Geolas and Jesen Tanadi.
- 2013 *Cute Little Drawings*. Mole Magazine, Cute Little Things: Issue 1. Waterloo Publishing Group.
- 2013 *Digital Craft and Architectural Geometry*. A publication of the Boston Architectural College Educational Committee 2012-2013 Grant. Edited by Carl Lostritto with Contributions by Moa Carlsson and Marie Law Adams.
- 2012 *The Definition, Necessity, and Potential of Drawing Computation*. Dosya 29, Computational Design. Onur Yüce Gün, Editor.
- 2012 *Rendering Drawing*. CLOG: Rendering, August 2012. Kyle May, Editor.
- 2011 *Flat Spaces and Deep Planes: Evaluating the Spatial Potential of Two-dimensional Computationally Generated Visual Stimuli*. Proceedings of 2011 Spatial Cognition for Architectural Design. With Theodora Vardouli

- 2011 *Drawn Animations*. Testing to Failure. Sarah M. Hirschman, Editor. SA+P Press. 2011. Page 372
- 2009 *Teaching Systems Thinking Through an Algorithmic Process*. Arab Society of Computer Aided Architectural Design, Manama, Bahrain
- 2008 *Scripting Animation: Toward the Capture of Computational Topologies and Articulation of Change*. Computer Aided Architectural Design and Research in Asia, Taiwan
- 2008 *Animate Topologies, Blending media and Architecture*. 2007-2008 formZ Joint Study JOURNAL 16, Partnerships in Learning. With Michael Ambrose
- 2008 *Introductory Digital Design Seminar: Thinking and Making*. 2007-2008 formZ Joint Study JOURNAL 16, Partnerships in Learning. With Mark Ramirez
- 2008 *Animate Education: Early Design Education Pedagogy*. Computer Aided Architectural Design and Research in Asia, Chiang Mai, Thailand, 2008. With Michael Ambrose and Luc Wilson
- 2008 *Imaging Computation: Scripting and Animation as Process and Product*. Master of Architecture Thesis, University of Maryland School of Architecture, Planning and Preservation
- 2007 *CubeExplorer: An Evaluation of Interaction Techniques in Architectural Education*. INTERACT 2007, Rio de Janeiro, Brazil. With Hyunyoung Song, François Guimbretière and Michael A. Ambrose
- 2006 *\_module*, Issue One. Co-founder, graphics editor, concept designer. University of Maryland School of Architecture, Planning & Preservation.
- 2006 *\_module*, Pilot. Co-founder, graphics editor, concept designer. University of Maryland School of Architecture, Planning & Preservation.
- 2005 [mis]representations. *\_module*, Pilot. niversity of Maryland School of Architecture, Planning & Preservation.

#### PRACTICE: INDEPENDENT COMPUTATIONAL DESIGN CONSULTANCY

- 2008 – Selected partners and projects:
- Princeton Architectural Press (Campus Map Cartography + Design for MIT Campus Book)
- William O'Brien Jr. LLC. Cambridge, MA (Totems Project and Exhibit - The Zoellner Arts Center)
- John Ochsendorf, Guastavino Project. Cambridge, MA (NEH funded web database and exhibit)
- Fielding Nair International. Minneapolis, MN (Douglas Park Elementary School Conceptual Design and Visualization)
- Square 134 Architects. Washington, DC (Web programming, graphic design)
- University of Maryland School of Architecture, Planning and Preservation. College Park, MD (Graphic design, animation programming)

#### GRANTS, HONORS AND AWARDS

- 2013 RISD 2050 Fund, Code Studio Event Series
- 2012 Education Committee Research Grant, The Boston Architectural College
- 2008 Thesis Prize, School of Architecture, Planning and Preservation
- 2008 Alpha Rho Chi Bronze Medal, School of Architecture, Planning and Preservation
- 2008 Distinguished Teaching Assistant Award, Center for Teaching Excellence
- 2006 Interdisciplinary Multimedia and Technology Citation, University of Maryland
- 2005 Chancellor's academic excellence scholarship, University of Maryland
- 2004 Media, Self and Society Scholars Citation, College Park Scholars, University of Maryland

## ACADEMIC SERVICE

2013-2014	RISD Academic Computing Advisory Committee, Chair
2013, 2014	RISD Department of Architecture graduate admissions reviewer
2012–	RISD Department of Architecture academic advisor
2012–	RISD Department of Architecture web curator, programmer, manager (architecture.risd.edu)
2012–	RISD Department of Architecture digital archive, creator and manager
2012, 2013	RISD Representative to Graduate Portfolio Day. New York, NY
2013	RISD Representative to Boston Society of Architects College Fair. Boston, MA
2012-2014	RISD Department of Architecture secondary thesis advisor
2013	RISD Undergraduate Admissions Committee
2012	SMArchS Admissions Committee, Massachusetts Institute of Technology, Design and Computation Group.
2011-2012	Forum Co-organizer, Massachusetts Institute of Technology, Design and Computation Group.
2009	Exploring Architecture At Northwestern High School, Architecture in the Schools Program, collaboration with Prince Georges County Public Schools and the University of Maryland School of Architecture, Planning and Preservation.
2009	Admissions Committee, Bachelor of Science in Architecture Studio Sequence, University of Maryland School of Architecture, Planning and Preservation.
2008	Admissions Committee, Master of Architecture, University of Maryland School of Architecture, Planning and Preservation.
2005-2006	Curriculum Committee , Architecture Program, University of Maryland School of Architecture, Planning and Preservation.
2005-2006	Academic Studio Culture Task Force, Architecture Program, School of Architecture, Planning and Preservation.