

JENNIFER BROUTIN

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Education

2013 (expected)

Massachusetts Institute of Technology, Media Lab - Cambridge, MA. M.S. Media Arts and Sciences
Research Assistant Fellowship

2006

Columbia University - New York, NY. M.S. Advanced Architectural Design
William Kinne Fellows Prize for travel to Lebanon and Brazil

2005

University of Miami - Coral Gables, FL., Magna Cum Laude Professional B.Arch
University of Miami Rome Program, Rome, Italy

Professional Practice

2006 - 2009

212box Architecture PC - New York, NY; *Project Manager, Project Designer*

Multidisciplinary designer with work in the fields of architecture, graphic design, and rendering/animation. CD, SD, DD, CD, CA phases on architectural projects.

Selected Projects: Christian Louboutin Boutique - Orange County, CA; Helm Residence - New York, NY; Doner Loft - New York, NY; Greenfire Development - Durham NC; Kinki Robot - Seoul, Korea; Ode Magazine - InfoGraphics

2005 - 2006

C-LAB (Columbia Laboratory for Architectural Broadcasting), New York, NY; *Contributor/Designer*

Contributing to Volume Magazine vol. 20 # 4, 5, 6 and vol. 21 #1 with Archis, AMO, 2x4 and C-LAB.

2004 - 2005

Arquitectonica Intl. - Miami, FL; *Designer*

SD, DD, CD contribution on projects, with particular focus on presentation and renderings.

Selected Projects: University of Miami University Center - Miami, FL; Latitudes Condominiums - Miami, FL; Sussman House - St. John, Virgin Islands; Arte Cite - Miami, FL

2003

Metropolitan Museum of Art - New York, NY; *Exhibition Intern*

Assisted curators with the arrangement and design of exhibition spaces. Preparation of spaces and documentation of artworks.

Selected projects: The Responsive Eye: Ralph T. Coe and the Collecting of American Indian Art, A Private Passion: 19th-Century Paintings and Drawings from the Grenville L. Winthrop Collection, Harvard University

Research

2011 - present

Empire - New York, NY; *Founding Partner*

Empire's work is focused on academic research with investigations into sensorial aspects of city and place.

2006 - present

Fluxxlab - New York, NY; *Founding Partner*

Fluxxlab's work to date has been focused on sustainable energy harvesting, specifically in the form of converting small amounts of human energy into electricity.

Selected Projects: The Revolution Door (Patent Pending), Vertical Farming, Powerslide, Door Dynamo, personal powerPlant, exhibition design for Eyebeam Atelier "Feedback" show, and event design for Eyebeam Atelier Benefit Version 3.0

Professional Registrations

LEED AP, member of the USGBC. Currently taking Architecture Registration Exams for licensure.

Academic Positions

2011 - present

Massachusetts Institute of Technology, Media Arts and Sciences – Cambridge, MA

Teaching Assistant

MAS.552J/4.557J MIT Living Labs with advisor Kent Larson

2010 - present

Pratt Institute, School of Art & Design, Interior Design Department – New York, NY

Visiting Associate Professor

INT-301 Design III, 3rd year interior design studio

INT-302 Design IV, 3rd year interior design studio

2010 - present

Columbia University Graduate School of Architecture, Planning and Preservation – New York, NY

Adjunct Assistant Professor

A4005/Amman Lab Design Workshop for selected M.Arch students with travel to Amman, Jordan

2009 - present

City University of New York, New York City College of Technology - Brooklyn, NY

College of Technology & Design, Architectural Technology Department

Adjunct Lecturer, Adjunct CLT, Lecture Series Coordination, Website Design Committee

ARCH 2450 - Sustainability Through Architecture lecture course

ARCH 1111 - First Year Architectural Foundation I Studio

ARCH 1211 - First Year Architectural Foundation II Studio

ARCH 3591 - Computer Assisted Architectural Animation

ARCH 1290 – Architectural Cadd

Visiting Juror:

Columbia University, NY, NY; Pratt Institute, NY, NY; University at Buffalo, NY; California College of the Arts, San Francisco, CA; City College of New York, Brooklyn, NY; University of the Arts Philadelphia, PA

Lectures/Panel Discussions

2010

A Tale of Three Cities: Debating Our Urban Future – Columbia University Middle Eastern Research Center, Amman, Jordan; *Panel discussion on the future of the city of Amman.*

2010

“Transparency” – University at Buffalo, NY; *Presentation of research for vertical farming project of fluxxlab.*

“Full Scale” – California College of the Arts, San Francisco, CA; *Presented works/process of fluxxlab*

2009

Means Pecha Kucha - Salt Art Gallery with Goodmeet, New York, NY - 2009; *Presented ideas, process of fluxxlab*

2008

Apocalypse Now - University of the Arts, Philadelphia, PA - 2008; *Presented work of fluxxlab*

2007

Open Source Sustainability Critique - Eyebeam Atelier, New York, NY; *Presented work of fluxxlab*

Open House Presentation - Eyebeam Atelier, New York, NY – 2007; *Revolution Door presentation*

Interactive Architecture Symposium - Eyebeam Atelier, New York, NY – 2007; *Revolution Door presentation*

Selected Press

“Tomorrow’s World” Sustained Magazine, by Melissa Sterry, Issue 9 March 2009.

“Energy Revolution” *Royal Wings* (Royal Jordanian Airlines) by Tracey Eaton, July 2008.

“Power to the People: Kinetic Connections” *Modern Design Magazine*, by Dave Vickers and Carolyn Melian, July 2008.

“‘Art Science’ Comes Alive at Eyebeam” *New York Sun*, by V.L. Hendrickson, March 13, 2008.

“Breathing Facades, Energy Carts for Dead Cell Phones Featured in FEEDBACK Show” *eOculus Reports from the*

Field, by Lisa Delgado, April 15, 2008.

"Generate Energy with Fluxxlab's 'Revolution' Revolving Door" *Inhabitat*, by Karim Yergaliyev, February 7, 2008.

"Let There Be Life" *Architecture Newspaper*, by Lisa Delgado, March 7, 2007.

"The Mother of Invention" *Metropolis Magazine*, by Kelly McMasters, August 2006.

Publication

"Full Scale" publication, article to be published by GSAPP, Columbia University Press, 2010.

"Fluxxlab: Making Ideas Happen" for Urban Omnibus and the Architecture League of New York, April 22, 2009.

Television & Video

"NYC Revolution Door", GOOD Magazine video documentary sponsored by IBM, air-date November 23, 2009.

"Power Surge" Episode 9, Invention Nation, The Discovery Science Channel, air-date January 21, 2008.

"LA Without a Car", *The G Word*, *Discovery Planet Green Channel*, air date October 7, 2008.

Exhibitions

2010

01SJ Biennial – San Jose, CA; *Development and exhibition of Personal PowerPlant v3 and workshop*

2008

Guestroom 20X - Jacob K. Javits Convention Center, New York, NY; *Prototype presentation for the Powerslide*

Guestroom 2010 - HITEC Hospitality Convention, Austin, Texas; *Prototype development and installation of the Powerslide*

FEEDBACK Exhibition - Eyebeam Atelier, New York, NY; *Exhibition design and installation of prototype for the Revolution Door*

2007

Wired Nextfest - Los Angeles, CA; *Presentation of the Revolution Door*

2005

University of Miami/Art Basel - Art Basel, Miami, FL; *Design study selected for exhibition*

2004

AIA Miami Photography Competition - American Collection Gallery, Miami, FL; *Architectural photography selected for exhibition*

2003

Employee Art Show - Metropolitan Museum of Art, New York, NY; *Print works selected for exhibition*

Grants/Honors

2010

PSC CUNY Research Award - New York, NY; *Grant to pursue research in urban agriculture*

2009

Premio Well-Tech Award - Milan, Italy; *Innovation Technology Prize, Revolution Door*

2008

Spark Design & Architecture Awards - San Francisco, CA; *Bronze award for New Sustainable Product, Revolution Door*

Society of American Registered Architects (SARA) - New York Council, New York, NY; *New Architectural Product Award of Merit, Revolution Door*

2007

New York University - New York, NY; *Green Grant, in collaboration with Natalie Jeremijenko*

2006

Eyebeam Art & Technology Center - New York, NY; *Resident Artist Grant*

Columbia University GSAPP - New York, NY; *William Kinne Fellows Prize for travel to Lebanon and Brazil*

Columbia University - New York, NY; *General Scholarship*

2005

University of Miami AIA Medal - Florida Chapter, Miami, FL; *Medal awarded to one graduating student*

2004

University of Miami School of Architecture - Miami, FL; *Inducted into Tau Sigma Delta Beta Gamma Honors Society*

2000

Rathbun Memorial Art Fund - Detroit, MI; *Scholarship for continuing education in the arts*

Service

2008, 2010

City University of New York Emerging Scholars Student Mentorship Program; Fluxxlab collaboration with architecture students to assist in development of Vertical Farming project and Revolution Door

2009

City University of New York EMERGE Lecture Series - New York, NY; *Organizing technology and design focused lecture series including architects, inventors, engineers, actors, artists, and philosophers.*

2008

FEEDBACK Alternative Energy Sources - Eyebeam Atelier, New York, NY; *Personal powerPlant workshop*

2007

Alternative Energy Workshop - Eyebeam Atelier, New York, NY; *Personal powerPlant workshop*

Digital Day Camp - Eyebeam Atelier, New York, NY; *Student seminar on art and technology, workshop for Self Sound System*

2006 - present

Sustainability Research Group, Eyebeam - New York, NY; *Participating in and organizing sustainable initiatives with Eyebeam Art and Technology center*

2003

New York Perspective Symposium - Miami, FL; *Organized lecturers including Terry Riley (MoMA), Van Alen Institute, Cooper Robertson. Lecture poster design and reception*

2003

University of Miami School of Architecture - Miami, FL; *School of Architecture Student Council Vice President*

2002-2003

Sylvester Cancer Center – Miami, FL; *Selected to design and create “Path of Light” garden for cancer patients*

2002

University of Miami School of Architecture - Miami, FL; *School of Architecture Student Council Secretary*

Technology

Digital Fabrication: Laser cutter, CNC milling, 3D printing, water jet.

Software: Auto CAD, 3D Studio MAX, Rhino, Ecotect, Revit (basic), Sketch Up, Adobe Suite (Photoshop, Illustrator, InDesign, Acrobat) Adobe / Macromedia Suite (Flash, Dreamweaver), Adobe Premiere, Adobe After Effects, Microsoft Word, Microsoft Excel, PowerPoint