

**OLGA MESA**, LEED AP  
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## EDUCATION

- 2015 **Harvard Graduate School of Design**, Cambridge, Massachusetts  
Masters in Design Studies (MDes) Concentration: Technology  
Graduated with Distinction  
Recipient of Daniel L. Schodek for Technology and Sustainability Award for thesis titled:  
*"Anima: Choreographed Matter"*
- 2000 **Rhode Island School of Design**, Providence, Rhode Island  
Bachelor of Architecture  
Recipient of AIA Henry Adams Gold Medal for Excellence in Design

## TEACHING EXPERIENCE

- 2017 **Roger Williams University (RWU)**, Bristol, Rhode Island  
Assistant Professor, Co-coordinator, Faculty School of Architecture and Historic Preservation (SAAHP)  
"ARCH 214: Architectural Design Core Studio IV" - 5 credit Core Studio
- 2017 **Roger Williams University (RWU)**, Bristol, Rhode Island  
Assistant Professor, Faculty School of Architecture and Historic Preservation (SAAHP)  
"ARCH 587: Advanced Graduate Computer Applications" - 3 credit Graduate Elective
- 2016 **Roger Williams University (RWU)**, Bristol, Rhode Island  
Assistant Professor, Faculty School of Architecture and Historic Preservation (SAAHP)  
"ARCH 515: Geometric and Material Gradients in Architecture" - 5 credit Architectural Advanced Graduate Design Studio
- 2016 **Roger Williams University (RWU)**, Bristol, Rhode Island  
Assistant Professor, Faculty School of Architecture and Historic Preservation (SAAHP)  
"ARCH 287: Introduction to Computer Applications" - 3 credit Undergraduate Core Course
- 2016 **North Eastern University (NEU)**, Boston, Massachusetts  
Studio Critic, Faculty Department of Architecture  
"Comprehensive Studio" - 6 credit Advanced Studio
- 2016 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic, Faculty Department of Architecture  
"Clay in Context: Tecne in Architecture" - 3 credit Advanced Studio

- 2015 **North Eastern University (NEU)**, Boston, Massachusetts  
Lecturer, Faculty Department of Architecture  
“Introduction to Building Systems” - 3 credit Seminar
- 2015 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic, Faculty Department of Architecture  
“Making of Design Principles” - 6 credit Core Design Studio
- 2015 **Building Local Organization (BL)**, Quindío, Colombia  
Invited Studio Critic and Lecturer  
“Building with Bamboo in Quindío” - Design-Build Workshop
- 2014 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio co-Critic and Lecturer, Faculty Department of Architecture  
“Future Health Systems” - 6 credit Advanced Design Studio
- 2013 **Massachusetts Institute of Technology (MIT)**, Cambridge, Massachusetts  
Studio Critic and Lecturer, Faculty Department of Architecture  
“4.113 Architectural Design” - 6 credit Core Design Studio
- 2012 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic and Lecturer, Faculty Department of Architecture  
“Habitat and Construction in Selva Viva” - 6 credit Advanced Design-Built Studio
- 2012 **Universidad Tecnológica Equinoccial (UTE)**, Quito, Ecuador  
Invited Studio Critic and Lecturer, Department of Architecture  
“Instrument Installations with Recycled Material” - Design-Build Workshop for the UTE  
Architecture Biennale
- 2011 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic and Lecturer, Faculty Department of Architecture  
“Habitat and Construction in Pile” - 6 credit Advanced Design-Build Studio
- 2010 **Northeastern University (NEU)**, Boston, Massachusetts  
Studio Critic and Lecturer, Faculty Department of Architecture  
“Advanced Digital Representation” - 3 credit Advanced Design Studio
- 2008 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Coordinator of Making Design Principles Studio and Studio Critic  
“Making Design Principles” - 6 credit Core Design Studio
- 2007 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Co-coordinator of Making Design Principles Studio along with Kyna Leski  
“Making Design Principles” - 6 credit Core Design Studio

- 2007 - 2011 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic, Faculty Department of Architecture  
"Architectural Design" - 6 credit Core Design Studio
- 2006 - 2013 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Studio Critic, Faculty Department of Architecture  
"Making of Design Principles" - 6 credit Core Design Studio
- 2006 - 2016 **Rhode Island School of Design (RISD)**, Providence, Rhode Island  
Degree Project Second Adviser, Faculty Department of Architecture
- 2000 - Present Visiting critic at Massachusetts Institute of Technology (MIT), Harvard University Graduate School of Design (GSD), Yale School of Architecture, Washington University in St. Louis (WashU), Rhode Island School of Design (RISD), Northeastern University (NEU), University of California, Los Angeles (UCLA), Roger Williams University (RWU) and Otis College of Art and Design.

## PROFESSIONAL EXPERIENCE

- 2016 - Present **2Story Design Build**, Providence, Rhode Island  
Principal  
Lead a series of residential and commercial projects from schematic design through construction administration.
- 2016 - Present **Harvard Graduate School of Design**, Cambridge, Massachusetts  
**Material and Performance Systems Group (MaPs)**  
Consultant  
Research on material systems, processes and performance of compliant composite structures and design of architectural applications using these materials.
- 2014 - 2016 **Harvard Graduate School of Design**, Cambridge, Massachusetts  
**Material and Performance Systems Group (MaPs)**  
**Responsive Environments and Artifacts Lab (REAL)**  
Research Associate  
Research on material processes and performance of buckling structures. Study and design of potential applications into architectural components. Research is conducted in collaboration with the Wyss Institute for Biologically Inspired Engineering.
- 2012 - 2013 **Gensler Architecture**, Boston, Massachusetts  
Project Manager and Project Designer  
Worked on a series of commercial projects from schematic design through construction documents including: One Federal Lobby and Quest Diagnostics Laboratory.

- 2007 – 2012      **3six0 Architecture**, Providence, Rhode Island  
Associate  
Project Designer and Project Architect  
Lead a series of residential and commercial projects from schematic design through construction administration, including: Stone House Inn, Restaurant and Spa, Paschke Danskin Residence and Wild flour Café. Worked on competitions such as: 2012 Yeosu Pavillion, Polish History Museum, and Atlanta History Center.
- 2006 – 2007      **Friedrich St. Florian Architects**, Providence, Rhode Island  
Project Designer  
Lead schematic design and design development for the College Hill Residence. Work on the winning entry for the America's Cup Hall of Fame Exhibition and Education Center Competition.
- 2004 – 2006      **Lorcan O'herlihy Architects**, Culver City, California  
Project Designer and Project Architect  
Lead a series of residential and mixed-use projects including: Artisan Multifamily Housing, Norton Multifamily Housing, Pritchett Residence and Stuart Residence.
- 2000 – 2004      **Gensler Architecture**, Design and Planning Worldwide, Santa Monica, California  
Project Designer and Project Manager in the "*Building and Campuses Group*"  
Lead the design and construction administration of the USC Law School Café, Biola University School of Theology and Warner Bros. Studios. Junior Designer and Job Captain for the San Pedro Apartments and 2000 Avenue of the Stars. Responsibilities covered all phases of the design process for institutional and interior projects including client management, code analysis, schematic design, consultant coordination and construction documents.

## PUBLICATIONS

- 2015      **2015 National Council of Education on Ceramic Arts (NCECA) Conference**  
Vroman, Rachel, Nathan King, Kathy King and Olga Mesa. "Innovating Ceramics: Collaboration, Technology, and Pedagogy" NCECA Publishing, 2015
- 2014      **2014 RoboArch: Robotic Fabrication in Architecture, Art and Design Research**  
Friedman, Jared, Heamin Kim, and Olga Mesa. "Experiments in Additive Clay Depositions." Robotic Fabrication in Architecture, Art and Design 2014. Springer International Publishing, 2014. 261-272.

## AWARDS

- 2015      **Harvard Graduate School of Design**  
**Daniel L. Schodek Award Recipient for Technology and Sustainability**  
Thesis: "*Anima: Choreographed Matter*"

- 2014 **Harvard School of Engineering and Applied Sciences Travel Grant**  
**Global Health Institute ArtScience Prize Fellowship**  
Research project: "Hydrajel".
- 2011 **AIA Rhode Island, Design Awards, Honor Award** given to 3six0 Architecture  
Wildflour Vegan Bakery and Juice Bar
- 2011 **AIA Rhode Island, Design Awards, Honor Award** given to 3six0 Architecture  
Paschke Danskin Loft
- 2011 **AIA Rhode Island, Design Awards, Honor Award** given to 3six0 Architecture  
Pettaquamscutt River Residence
- 2011 **Rhode Island Monthly, Design Awards, Silver Medal Wildflour** given to 3six0 Architecture  
Vegan Bakery and Juice Bar by 3six0 Architecture
- 2011 **Rhode Island Monthly, Design Awards, Gold Medal** given to 3six0 Architecture  
Paschke Danskin Loft by 3six0 Architecture
- 2011 **Rhode Island Monthly, Design Awards, Gold Medal** given to 3six0 Architecture  
Pettaquamscutt River Residence
- 2011 **Rhode Island Monthly, Design Awards, Silver Medal** given to 3six0 Architecture  
Paschke Danskin Loft  
ArchDaily "Paschke Danskin Double Loft" Aug. 15/2011
- 2010 **Rhode Island Monthly, Design Awards, Silver Medal** given to 3six0 Architecture  
Stone House Barn, Restaurant and Spa
- 2009 **AIA Rhode Island, Design Awards, Merit Award** given to 3six0 Architecture  
Stone House Inn by 3six0 Architecture
- 2009 **AIA Rhode Island, Design Awards, Merit Award** given to 3six0 Architecture  
Stone House Barn, Restaurant and Spa
- 2009 **Rhode Island Monthly, Design Awards, Gold Medal Award** given to Friedrich St. Florian Architects  
Decof Residence, College Hill Residence
- 2000 **Rhode Island School of Design**  
**American Institute of Architects Henry Adams Gold Medal for Excellence in Design**
- 1999 **X-Large Grant for multi-disciplinary study in design, RISD, Providence, Rhode Island**

## EXHIBITS

- 2016 **Ten Degrees Exhibition by Chuck Hoberman**  
“Crease” origami robot by Olga Mesa, Malika Singh and Saurabh Mhatre featured at the exhibition.
- 2015 **2015 Wyss Institute for Biologically Inspired Engineering Retreat**  
“Auxetic Surfaces: Performance through Deformation and Instability (PTDI)” by Olga Mesa, Malika Singh and Saurabh Mhatre.
- 2015 **Design Symposium: “Informal Robotics” with Robert Wood, Conor Walsh, and Rob MacCurdy; Moderated by Chuck Hoberman.**  
“Crease” origami robot by Olga Mesa, Malika Singh and Saurabh Mhatre featured in symposium exhibition, poster and lecture.
- 2014 **Ceramics Exhibition at Office for the Arts at Harvard University**  
Art and Architecture pieces: “Experiments in Additive Clay Deposition: Woven Ceramics” by Olga Mesa, Heamin Kim and Jared Friedman.
- 2014 **2014 Wyss Institute for Biologically Inspired Engineer Retreat**  
“Crease” origami robot by Olga Mesa, Malika Singh and Saurabh Mhatre featured in Retreat Exhibition.
- 2012 **Re:making Architecture 2012 RISD Architecture Symposium**  
Work by Olga Mesa featured in exhibition and featured interview.
- 2007 **De/construct I Architectural Installations Exhibition**  
Work by Olga Mesa featured in exhibition

## INVITED LECTURES

- 2015 **Deconstructing Design Practice Symposium.** Alternative Design Practices in Latin America, Harvard Graduate School of Design. Moderated by Luiz Valenzuela and Felipe Hernandez. Lecture: “Listo! Vamos.” by Olga Mesa.
- 2015 **Building Local Symposium**  
Lecture: “Habitat and Construction” by Olga Mesa.

## PROFFESIONALS QUALIFICATIONS

- 2011 LEED AP BD+C. Specialization in Building Design and Construction  
2010 N.C.A.R.B. Certificate, Completion of the Intern Development Program  
2002 LEED AP. Leadership in Energy and Environmental Design Accredited Professional