

**MICHELLE LABOY** PE

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**EDUCATION**

- 2005 **Master of Urban & Regional Planning** University of Michigan, Ann Arbor  
Wallenberg Scholar, School of Urban Planning, University of Michigan, 2003-2004  
Dwight D. Eisenhower Graduate Transportation Fellowship, FDOT, 2001-2003  
American Planning Association Transportation Division Best Student Paper, 2003
- 2004 **Master of Architecture** University of Michigan, Ann Arbor  
AIA Henry Adams Medal, University of Michigan, 2004  
Graduate Thesis Award, School of Architecture, University of Michigan, 2004  
Taubman Alumni Design Award, University of Michigan School of Architecture, 2002
- 2001 **Bachelor of Science in Civil Engineering** Universidad de Puerto Rico, Mayagüez  
Etienne Totti Civil Engineering Highest Academic Achievement Award, 2001  
American Public Transit Association Award, 2001

**ACADEMIC APPOINTMENTS**

- 2014-present **Assistant Professor** School of Architecture, Northeastern University  
Affiliate Faculty, Department of Civil & Environmental Engineering  
Affiliate Faculty, Global Resilience Institute  
Faculty Member, Resilient Cities Laboratory  
Faculty Scholar, Center for Advances in Teaching and Learning through Research  
2018-19  
Teaching Inquiry Fellow, Center for Advances in Teaching and Learning through  
Research 2017-18
- 2012-2014 **Lecturer** School of Architecture, Northeastern University
- 2009-2011 **Adjunct Lecturer** School of Architecture, Northeastern University
- 2008 **Studio Instructor** Boston Architectural College

- 2007 **Invited Critic** Harvard Graduate School of Design  
Puerto Rico Aquarium Studio, Maryann Thompson
- 2004 **Graduate Student Instructor**, Urban & Regional Planning, University of Michigan

## PROFESSIONAL PRACTICE

- 2013-present **Principal** FieLDworkshop | Architecture | Design | Urbanism | Research | Boston, MA
- 2012-2017 **Consulting Senior Associate** Maryann Thompson Architects, Watertown, MA
- 2007-2012 **Associate** Maryann Thompson Architects, Cambridge, MA
- 2005-2007 **Architectural Designer** Skidmore Owings & Merrill, LLP, Chicago, IL
- 2004 **Architecture Intern** Agrait Betancourt Arquitectos, San Juan, Puerto Rico
- 2003 **Architecture Intern** SmithGroup Incorporated, Detroit, Michigan
- 2002 **Architecture Intern** Crivillers i Arquitectes Associats, Barcelona, Spain

## MEMBERSHIPS, LICENSES & REGISTRATIONS

Professional Engineer (PR) Lic. No. 20392  
 Colegio de Ingenieros y Agrimensores de Puerto Rico (CIAPR)  
 National Council of Architectural Registration Boards (NCARB)  
 National Organization of Minority Architects (NOMA)  
 Building Technology Educators Society (BTES)  
 Society of Building Science Educators (SBSE)

## PUBLICATIONS

### PEER-REVIEWED ARTICLES

\* Designates a student co-author

- 2018 Mattos, Christy\*; Laboy, Michelle; “Unfolding a Black Box: Exploring New Forms of Landscape-Based Wastewater in Large Cities”. *Technology | Architecture + Design (TAD)*,

- 3:1: (2019). (Under review)
- 2018 Fannon, David; Laboy, Michelle; Wiederspahn, P. "Dimensions of Use: From Determinism to a New Humanism ". *Enquiry: The ARCC Journal of Architectural Research*, 15:1: (2018). (Accepted, Pending)
- 2018 Laboy, Michelle. "Didactic Space: Building Ecologies for Early Childhood." *Common Ground*, 2:1. Northeastern University. 2018. (Pending)
- 2017 Laboy, Michelle. "On Groundwater: Invisible Architectural Environments." *Journal of Architectural Education*, 71:2:(2017): 232-237.
- 2016 Laboy, Michelle, and David Fannon. "Resilience Theory and Praxis: A Critical Framework for Architecture." *Enquiry: The ARCC Journal of Architectural Research*, 13:1:(2016): 39–53.
- 2016 Fannon, David; Laboy, Michelle. "Teaching Building Science in Design Studio." *Journal of the National Institute of Building Sciences*, December 2016.
- 2016 Laboy, Michelle. "Landscape as a conceptual space for architecture: shifting theories and critical practices." *The Plan Journal*, 0(0):0-0, March 2016.
- 1999 Laboy, Michelle; Lopez, Gustavo; Santiago, Ivonne. "Computing Adsorption Isotherms for Benzene, Toluene, and p-Xylene in Heulandite Zeolite." *Journal of Industrial and Engineering Chemistry Research*, Vol. 38; 1999

#### **PEER-REVIEWED CONFERENCE PROCEEDINGS**

- 2018 Fannon, D.; Laboy, Michelle. "Resilient Homes Online Design Aid: Connecting Research and Practice for Socially Resilient Communities." *Design and Resilience: Proceedings of the 2018 AIA/ACSA Intersections Symposium* (Washington, DC: August 2018) - Pending
- 2017 Laboy, Michelle. "Performance Niche: an Ecological Systems Framework for Technology and Design." *Architecture of Complexity: design, systems, society and environment: Journal of Proceedings of the 2017 ARCC Conference* (Salt Lake City: University of Utah, June 2017)
- 2016 Laboy, Michelle. "Remaking water legible: a prototype for a communicative landscape." *Shaping New Knowledges: Conference proceedings of the 104<sup>th</sup> Annual Meeting Association of Collegiate Schools of Architecture*. Association of Collegiate Schools of Architecture: October 2016.

- 2016 Laboy, Michelle. "Tectonics and Landscape: The Structure of Ground and Atmosphere." In *Structures and Architecture : Beyond Their Limits : Proceedings of the Third International Conference on Structures and Architecture*. (Leiden, The Netherlands: CRC Press/Balkema, 2016.)
- 2016 Laboy, Michelle. "A conceptual space for architecture: singularity through ecological contingency." *Between the Autonomous & Contingent Object: Conference proceedings for the 2015 Fall Conference*. Association of Collegiate Schools of Architecture: April 2016.
- 2015 Laboy, Michelle; Fannon, David. "Learning Comprehensive Building Design through a Resilience Framework." *Architecture at a Human Scale: Cross-disciplinary conference proceedings*. (Great Britain: University of Sheffield. September 2015.)
- 2015 Laboy, Michelle. "Modern childhood landscapes: Aino Aalto's engagement in the international experiment of the modern nursery school." *Aalto Beyond Finland*. Alvar Aalto Museum. 2015

#### **PEER-REVIEWED CONFERENCE ABSTRACTS**

- 2018 Laboy, Michelle; Fannon, David. "RHOnDA: Online Tool to Disseminate Resilience Information to all Homeowners and Tenants." *Confronting Inequality and Economic Mobility: Data-Driven Lessons from Boston, For Boston*. Boston Area Research Initiative Spring 2018 Conference.

#### **BOOK CONTRIBUTIONS**

- 2018 Laboy, Michelle; Fannon, David. "RHOnDA: An Online Tool to Help Homeowners and Tenants Increase Resilience" in *Adapting Buildings for a Changing Climate*. Ed: Nicholas Rajkovich. (New York, New York: Routledge. December 2018.) - Pending
- 2017 Laboy, Michelle. "Kindergarten Typology: Furniture and Architecture for Children" in *Artek and the Aaltos: Furnishing the World*. Ed: Nina Stritzler-Levine. (New York, New York: Bard Graduate Center, in assoc. with Yale University Press. January 2017.)

#### **INVITED ARTICLES & NON-REVIEWED PUBLICATIONS**

- 2016 Laboy, Michelle. "LightWell: Public Space Invitational Winner." A retrospective published by invitation in the blog of the Office of Urban Mechanics. City of Boston. February 05, 2016. <http://newurbanmechanics.org/2016/02/04/lightwell-public-space-invitational-winner/>

- 2010 Laboy, Michelle. "Arquitectura y Crisis" *Perspectivas de Arquitectura*. No. 8, Ciudad de Guatemala, Guatemala: October 2009-March 2010. pp. 52-56
- 2004 Laboy, Michelle. "On Fragmentation: Recalibrating Marginal Territories," *Dimensions*, Journal of the University of Michigan School of Architecture, Vol. 18, 2004
- 2003 Laboy, Michelle. "Fields of Diversity: Metropolitan Life?" *Dimensions*, Journal of the University of Michigan School of Architecture, Vol. 17, 2003
- 2002 Laboy, Michelle. "Joint Development Techniques for the Redevelopment of Suburban Malls," *Portico Magazine*, University of Michigan, Taubman College of Architecture and Urban Planning
- 2000 Laboy, Michelle. "Transit-Oriented Development." *Passenger Transport*, Newspaper of the American Public Transportation Association; Vol. 58, No. 38, Washington, D.C.: September 25, 2000.

## PRESENTATIONS

### REFEREED CONFERENCE PRESENTATIONS

- 2018 Laboy, Michelle. "Resilient Homes Online Design Aid: a Tool to Improve the Resilienc of Homeowner and tenants." *Adapting Buildings for a Changing Climate Symposium* (Albany, New York: October 1<sup>st</sup>, 2018)
- 2018 Laboy, Michelle. "Resilient Homes Online Design Aid: Connecting Research and Practice for Socially Resilient Communities." *Design for Social Impact and Resilience: 2018 AIA/ACSA Intersections Symposium* (New York, New York: June 22<sup>nd</sup>, 2018)
- 2018 Laboy, Michelle. "RHOnDA: Online Tool to Disseminate Resilience Information to all Homeowners and Tenants." *Confronting Inequality and Economic Mobility: Data-Driven Lessons from Boston, For Boston*. Boston Area Research Initiative Spring 2018 Conference. (Boston University, Boston. April 27<sup>th</sup>, 2018.) (Accepted, forthcoming)
- 2017 Laboy, Michelle. "Performance Niche: an Ecological Systems Framework for Technology and Design." *Architecture of Complexity: design, systems, society and environment: 2017 ARCC Conference* (University of Utah, Salt Lake City. June 15, 2017)
- 2017 Eckelman, Matthew; Laboy, Michelle. "An Artistic Take on Embodied Resources."

*2017 Joint Conference of the International Society of Industrial Ecology and the International Symposium on Sustainable Systems and Technology: Science in Support of Sustainable and Resilient Communities.* University of Illinois, Chicago, IL. June 2017. (Poster)

- 2016 Laboy, Michelle. "Tectonics and Landscape: The Structure of Ground and Atmosphere." Structures and Architecture: Beyond their Limits. *Third International Conference on Structures and Architecture.* University of Minho, Guimaraes, Portugal. July 29, 2016.
- 2016 Laboy, Michelle. "Remaking water legible: a prototype for a communicative landscape." Conference proceedings: *Shaping New Knowledges.* 104<sup>th</sup> Annual Meeting Association of Collegiate Schools of Architecture. Seattle, WA. March 19<sup>th</sup>, 2016.
- 2015 Laboy, Michelle; Fannon, David. "Learning Comprehensive Building Design through a Resilience Framework." *Architecture at a Human Scale Conference.* Sheffield, UK: University of Sheffield: September 2015.
- 2015 Laboy, Michelle. "Modern childhood landscapes: Aino Aalto's engagement in the international experiment of the modern nursery school." *Aalto Beyond Finland.* Rovaniemi, Finland: February 17<sup>th</sup>, 2015.
- 1999 Laboy, Michelle. "Computing Adsorption Isotherms for Benzene, Toluene, and p-Xylene in Heulandite Zeolite." *1999 American Physical Society Centennial Meeting.* Atlanta, GA.

#### **SESSION ORGANIZER & PANEL MODERATOR**

- 2019 Session Organizer and Moderator (with David Fannon and Peter Wiedersphan). "Being Versus Becoming the Core of Architecture." *Black Box: Articulating Architecture's Core in the Post-Digital Era.* 107<sup>th</sup> Annual Meeting of the Association of Collegiate Schools of Architecture. (Pittsburgh, PA. March 28-30<sup>th</sup>, 2019). (Accepted, Pending)
- 2018 Panel Moderator. "Opportunities for Innovative Solutions." *Governing Resilience: New Comparative Approaches.* Pre-Conference Panel, American Political Science Association Annual Meeting. Global Resilience Institute. (Boston, MA: August 29<sup>th</sup>, 2018)
- 2014 Moderator, with Professor Jerry Hajjar (College of Engineering). "Green Buildings / Smart Homes." Breakout session at *Swissnex Watt d'Or Swiss-USA Energy Innovation Seminar.* Northeastern University, Boston, MA. July 11, 2014.

#### **INVITED PRESENTATIONS**

- 2018 Laboy, Michelle; Fannon, David. “Resilient Homes Online Design Aid (RHOnDA) workshop and user group test”. City of Cambridge Community Development Department. (Cambridge, MA: July 2018).
- 2018 Laboy, Michelle; Fannon, David. “Resilient Homes Online Design Aid: Planning and Design Applications of the Tool.” *Kleinfelder* (Boston, MA: June 28<sup>th</sup>, 2018)
- 2018 Laboy, Michelle; Fannon, David. “Resilient Homes Online Design Aid: a Tool for Community Engagement in Climate Adaptation Planning.” *Metropolitan Area Planning Council* (Boston, MA: June 27<sup>th</sup>, 2018)
- 2017 Laboy, Michelle. “Resilience in the Built Environment: Expanding Access to Information to Tenants & Homeowners”. *Community Resilience Research Flash Talks & Networking Event*. Alumni Center, Northeastern University. November 6<sup>th</sup>, 2017.
- 2016 Laboy, Michelle. “Remaking water legible”. Boston Groundwater Trust Board Meeting. Boston, MA. September 15, 2016.
- 2016 Laboy, Michelle. “Lightwell: Prototype for groundwater visualization”. Boston Groundwater Trust Board Meeting. Boston, MA. May 12, 2016.
- 2016 Laboy, Michelle. “LightWell.” Public Space Invitational 2.0. District Hall, Innovation District, Boston, MA. February 10<sup>th</sup>, 2016.
- 2012 Laboy, Michelle. “Arnold Arboretum’s Outdoor Classroom.” *Maps to Apps : Boston Now. Pecha Kucha*, Boston Society of Architects. Boston: August 9<sup>th</sup>, 2012
- 2012 Laboy, Michelle. “Metabolic Ground Structures.” *InterActions*. Northeastern University, Boston: April 19<sup>th</sup> 2012
- 2012 Laboy, Michelle. “The Children’s School.” *Decorated School Conference, A Little History, A Few Functions*. Northeastern University, April 02, 2012.

#### **INVITED LECTURES**

- 2018 “Buildings and the Water Cycle.” ENTR 3212 Innovations and Social Change course by Professor Sara Minard. Northeastern University, Boston, MA. February 20, 2018.
- 2018 “Grounding the Building: Aggregation and Organizational Systems for Structure and Landscape.” Integrated Building Systems Course. Instructor: Professor Peter Wiederspahn. February 5<sup>th</sup>, 2018.

- 2018 “Structure and Form.” Civil Engineering capstone course. Instructor: Professor Andy Myers, Ph.D, PE. Northeastern University. January 16<sup>th</sup>, 2018.
- 2017 “Lightwell: Making Water Visible.” Northeastern University Sustainable Building Organization. Northeastern University, Boston, MA. November 15<sup>th</sup>, 2017.
- 2017 “Lightwell: Making Water Visible.” ENTR 3212 Innovations for Social Change course by Professor Sara Minard. Northeastern University, Boston, MA. September 26, 2017.
- 2017 “Structure and Form.” Civil Engineering capstone course. Instructor: Professor Andy Myers, Ph.D, PE. Northeastern University. February 7<sup>th</sup>, 2017.
- 2017 “Grounding the Building: Aggregation and Organizational Systems for Structure and Landscape.” Integrated Building Systems Course. Instructor: Professor Peter Wiederspahn. February 6<sup>th</sup>, 2017.
- 2016 “Didactic Spaces: pedagogy, landscape and architecture in early childhood.” *Common Ground*. Lecture series for graduate program. Northeastern University, School of Architecture. January 15, 2016.
- 2015 “The Design of Trade Restaurant.” Boston Society of Architects Women in Design Network Meeting. Trade Restaurant, Boston, MA: April 1<sup>st</sup>, 2015.
- 2015 “Research on Architecture and Ecology.” SUEN7320: Seminar: Issues in Designed Urban Environments. Instructor: M.Heins. Northeastern University. March 2<sup>nd</sup>, 2015.
- 2014 “Structures in Architecture.” Harvard Graduate School of Design Core studio section of adjunct professor Maryann Thompson. November 10<sup>th</sup>, 2014.
- 2014 “Architecture for Childhood.” Understanding Design Course. Instructor: George Thrush. Northeastern University. September 25<sup>th</sup>, 2014.
- 2014 “Metrics for Resilient Buildings.” Sustainable Cities course. Instructor: Joan Fitzgerald. Northeastern University. September 30<sup>th</sup>, 2014.
- 2014 “Design of Sustainable Schools.” Co-presenter with Maryann Thompson, FAIA. Harvard Education Symposium. 2014
- 2014 “Princeton Child Care Center”. Massachusetts College of Art. 2014
- 2014 “Trajectory: Teaching and Practice.” Career Discovery. Harvard Graduate School of Design. Summer 2014.



- 2013 “Trajectory: Teaching and Practice.” Career Discovery. Harvard Graduate School of Design. Summer 2013.
- 2013 “Architecture & New Urban Ecologies.” School of Architecture and Department of Civil Engineering. Northeastern University. April 2<sup>nd</sup>, 2013.

## **CREATIVE ACTIVITY**

### **EXHIBITS**

- 2018 “The Footprint of Everyday Things”. Ruggles Architecture Studio, Northeastern University, Boston, MA. April 3<sup>rd</sup>, 2018. (Reception and talk with Matthew Eckelman, co-hosted by School of Architecture and Department of Civil & Environmental Engineering Department).
- 2017-18 “The Footprint of Everyday Things”. West Village H Gallery, Northeastern University, Boston, MA. November 18<sup>th</sup>, 2017-March 19, 2018. (Collaboration with Matthew Eckelman, Assistant Professor, Civil & Environmental Engineering Department).
- 2016-17 “LightWell: mappings and prototypes for a communicative landscape.” AutoDesk BUILD Space. October 2016-September 2017.
- 2016 “LightWell.” Made in Allston: the Sculpture’s Workshop. Harvard Ed Portal. Cambridge, MA. November 7-28, 2016 (presented with industry partner ConformLab).
- 2016 “Artek schools” in Artek and the Aaltos: Creating a Modern World. Bard Graduate Center, New York, New York. April 22-September 25, 2016. (Contribution on kindergarten spaces, with Nina Stritzler-Levine).
- 2014 “LightWell.” Public Space Invitational. City Hall Plaza, Boston: 2014.
- 2011 “Passive Solar Strategies.” Greenfest Boston: 2011. (Collaboration with Maryann Thompson Architects)
- 2008 “Work of Maryann Thompson Architects.” (curator) RISD Architecture Gallery, Providence, Rhode Island: 2008.

### **CREATIVE PROJECTS ON DIGITAL MEDIA, WEB TOOLS AND DESIGNED WEBSITES**

- 2018- “RHOnDA: Resilient Homes Online Design Aid”

<https://web.northeastern.edu/rhonda/> (forthcoming)

- 2017-present “LCAart project,” LCAart.com.
- 2017-present “Boston LightWells,” Mobile app for Android and iOS platforms.
- 2015-present “Boston LightWell Project,” [www.bostonlightwell.com](http://www.bostonlightwell.com)
- 2013-present FieldWorkshop | Architecture | Design | Urbanism | Research | [www.fieldworkshop.com](http://www.fieldworkshop.com)

**PRESS AND PUBLICATIONS ABOUT MICHELLE LABOY / FIELDWORKSHOP**

- 2017 Kornwitz, Jason. “Architecture’s Michelle Laboy Leads Effort to Make Water Visible”. Northeastern News, September 15, 2017.
- 2017 O’Connell, Kim. “Ahead of their time”. AIA Architect. August 1<sup>st</sup>, 2017.
- 2017 Treffeisen, Beth. “Interactive Groundwater Well Caps Allows People to Crowd Source Data Through Mobile App.” The Boston Sun. June 30, 2017.
- 2016 Morgan, William. “Structural Beauty.” Design New England. November/December 2016. (Interviewed for and quoted in article about the design of the library for the International School of Boston, completed in 2012 as senior designer with Maryann Thompson Architects).
- 2016 Stening, Tanner. “Groundwater has never looked so mesmerizing.” The Boston Guardian. Vol. 1 Issue 1, April 22, 2016.
- 2015 Maniscalco, Michele D. “Garden Tour strolls through South End on Saturday”. (Features LightWells installed at the Public Library by Michelle Laboy) South End News. MySouthEnd.com: June 18, 2015.
- 2015 Maniscalco, Michele D. “Night Light: New art/environmental project will grace Library Park”. South End News. June 11, 2015.
- 2015 Friends of the South End Library. “The South End Landmarks Commission Approves the Light Well Installations of Public Art for Library Park; Commissioners Say They’d Like to “See Them in All Parks” (But Would it Fly on Beacon Hill?).” [www.friendsofsouthendlibrary.com](http://www.friendsofsouthendlibrary.com)
- 2014 Farrell, Michael. “Contest aims to enliven public spaces in Boston.” Boston Globe. June

5<sup>th</sup>, 2014.

- 2014 Conway, Abby Elizabeth. "9 Bright Ideas Win Funding to refresh Boston's Public Spaces," WBUR June 5<sup>th</sup>, 2014. (Press on winning design competition entry LightWell, among others).
- 2014 Shao, Yiqing. "Boston's Public Space Invitational Winners Announced," Boston Daily. June 5<sup>th</sup>, 2014. (Press on winning design competition entry LightWell, among others).
- 2014 Graham, Jordan. "Contest nets new faces for public spaces," Boston Herald. June 5<sup>th</sup>, 2014. (Press on winning design competition entry LightWell, among others).
- 2014 City of Boston Press Release. "Mayor Walsh Announces Winners of Boston's First Public Space Invitational," City of Boston website: June 5<sup>th</sup>, 2014. (Press release on winning design competition entry LightWell).
- 2014 Mayor's Office of New Urban Mechanics. "LightWell". New Urban Mechanics Website. 2014.(Press on winning design competition entry LightWell, among others). <http://psi2014.newurbanmechanics.org/post/87553406222/light-well-winner-this-project-creates-a-new>
- 2013 Kunstel, Stacy. "Open Minded". New England Home. July 1<sup>st</sup>, 2013. Pp. 88-95. (Interviewed for and quoted in article about the design of Pamet Harbor House as senior associate with Maryann Thompson Architects).
- 2013 Weber, Cheryl. "Clients for Life: For relationship-savvy architects, the past really is prologue." Residential Architect. American Institute of Architects. May-June 2013.
- 2012 Alia Akkam, "Trade Boston," Hospitality Design. January 3, 2012. (Interviewed for and quoted in article about the design of Trade Restaurant as senior associate with Maryann Thompson Architects).

#### **DESIGN PROJECTS UNDERWAY**

- 2018 FieLDworkshop. 94 West Springfield Renovation (In Schematic Design)
- 2017-2018 FieLDworkshop. South End Public Library Renovation (pro-bono, approved for capital funding)
- 2017-present FieLDworkshop. 97 Brown Avenue Conversion (In Design Development)
- 2017-present FieLDworkshop. Arlington Multifamily Housing (In Design Development)

- 2016-present FieLDworkshop. Chester Square and Claremont Park Planning. (pro-bono, ongoing)
- 2015-present FieLDworkshop. LightWells (Ongoing public installation work).
- 2014-present FieLDworkshop. 562 Massachusetts Avenue Penthouse and Roof Garden. (In construction)
- 2013-present Michelle Laboy as Project Architect in collaboration with Maryann Thompson Architects. Princeton Child Care Center (Finalizing construction and project close-out)

**DESIGN PROJECTS COMPLETED**

- 2018 Bishop Land Design with FieLDworkshop “Park X-ing.” *Beyond the Centerline: Reinventing Park Avenue’s Medians with Design*, (Competition). New York, NY.
- 2014-15 FieLDworkshop. Bear Hill Road Residence, Reading, MA (completed)
- 2015 FieLDworkshop. Hingham Barn Renovation, Hingham, MA (unbuilt)
- 2013-15 FieLDworkshop. Lake Minnetonka Residence, Shorewood, MN (completed)
- 2012 Michelle Laboy as Project Architect with Maryann Thompson Architects. Little Compton Pool & Pool House, Rhode Island (completed)
- 2012 Michelle Laboy as Project Architect with Maryann Thompson Architects. Shady Hill School Sustainability & Strategic Campus Plan, Cambridge, MA (completed)
- 2012 Michelle Laboy as Project Architect with Maryann Thompson Architects. International School of Boston Library & Media Center, Cambridge, MA (completed)
- 2011-2012 Michelle Laboy with Maryann Thompson Architects. International School of Boston Strategic Design Plan, Cambridge, MA (completed)
- 2012 Michelle Laboy as Project Architect with Maryann Thompson Architects. Rialto Restaurant Renovation Cambridge, MA (completed)
- 2011 Michelle Laboy as Project Architect with Maryann Thompson Architects. Trade Restaurant at Atlantic Wharf, Boston, MA (completed)
- 2011 Michelle Laboy with Maryann Thompson Architects. Foote School Science and Technology Building, New Haven, CT. (completed)

- 2008-2011 Michelle Laboy as Project Architect with Maryann Thompson Architects. Aspen Retreat Residence, Lake Tahoe, CA (completed)
- 2008-2010 Michelle Laboy as Project Architect with Maryann Thompson Architects. Pamet Harbor Residence, Truro, MA (completed)
- 2009 Michelle Laboy as Structural Designer and Stormwater Management Planner with Maryann Thompson Architects. Drumlin Farms Farmlife Center, Lincoln, MA (completed)
- 2008 Michelle Laboy as Structural Designer with Maryann Thompson Architects. Drumlin Farms Visitor Center, Lincoln, MA (completed)
- 2008 Michelle Laboy as Project Architect with Maryann Thompson Architects. Traill Street Historic House Renovation, Cambridge, MA (completed)
- 2006-2008 Michelle Laboy as Designer with SOM. Chicago 2016 Bid Committee Domestic Bid Book and Olympic Village Plan (Bid submitted to IOC, selected as US candidate city)
- 2007 Michelle Laboy with Maryann Thompson Architects. Puerto Rico Aquarium Competition (finalist)
- 2005-2006 Michelle Laboy as Designer with SOM. King Abdullah conomic City Master Plan, Saudia Arabia. (plan completed)
- 2005 Michelle Laboy as Designer with SOM. Shanghai Grand Tower, Shanghai, China (completed)
- 2005 Michelle Laboy as Designer with SOM. Nanjing Greenland Financial Center, Nanjing, China (completed)

## **GRANTS**

### **EXTERNAL FUNDING**

- 2018-2020 Co-PI (with PI David Fannon, Co-PI Matthew Eckelman and Co-PI Casper Harteveld). *Proof-Of-Concept of Resilient Homes Online Design Aid (RHOnDA) Using Gaming for Community Engagement*. National Science Foundation Partnership for Innovation Technology Transfer Track. \$200,000 (Selected for Limited Internal Submission, Not Awarded)
- 2018-2020 PI. *Design with Water: the Socio-Ecological Agenda of Legibility*. WiSTEM2D Scholars

Award Program: Design Category. Johnson & Johnson. \$150,000 (Selected in Northeastern University's internal limited submission, Not Awarded).

- 2017-2019 Co-PI (with David Fannon and Peter Wiederspahn) *Future-Use Architecture: Design for Persistent Change*. American Institute of Architects College of Fellows 2017 Latrobe Prize. \$100,000 (Awarded).
- 2017 PI. *Boston Lightwells: 7 Streets Project*. Boston Groundwater Trust research funding contract for instrumentation \$20,900 (Awarded)
- 2016 CO-PI (with David Fannon and Matthew Eckelman). *Building Resilience: A Tool for Adaptability Planning and Decision-Making*. American Institute of Architects Upjohn Research Initiative 2015. \$28,015 (Awarded)
- 2015-2019 PI. *LightWell stormwater recharge data collection and visualization prototype*. AutoDesk BUILD Grant. \$50,000 (Awarded)
- 2014 Co-PI (with David Fannon). *Resilience Metrics for Urban Building Design*. AIA Upjohn Research Initiative. September 2014. \$15,500 (Not awarded)
- 2014 Co-PI (with David Fannon). *Metric for evaluating resilience of urban building design at multiple scales*. ACSA-AIA Decade of Design: The AIA Global Urban Solutions Challenge. \$15,785 (Not awarded).

#### **INTERNAL FUNDING**

- 2018 PI. *RHOnDA: Design for Social Impact and Resilience*; presented at *Design for Social Impact and Resilience: 2018 AIA/ACSA Intersections Symposium* (New York, New York: June 22<sup>nd</sup>, 2018). CAMD Research, Scholarship and Creative Activity Dissemination Grant, College of Arts Media and Design. 2017-18 (\$1000, awarded)
- 2016 PI (in collaboration with Matthew Eckelman). *Visualizing Building Ecologies: Translating Numbers into Images*. Faculty Research and Creative Activity Incentive Grants, College of Arts Media and Design. Spring 2016 (\$3000, awarded)
- 2016 Co-PI (with David Fannon from College of Arts, Media & Design and College of Engineering, and Dr. Matthew Eckelman from the College of Engineering). *Building Resilience: A Tool for Adaptability Planning and Decision-Making*. Northeastern University Tier 1: Provost Seed Grant/Proof of Concept Program. \$50,000 (Awarded)
- 2016 Co-PI (with Dr. Jessica Hoffman, Dr. Carmen Sceppa and Dr. Dinesh John from Bouve College of Health Sciences). *Evaluating physical environment factors in young children's physical environments*. Northeastern University Tier 1: Provost Seed Grant/Proof of Concept Program. \$50,000 (Not awarded)
- 2015 PI. *LightWell stormwater recharge data collection and visualization prototype*. Northeastern University College of Arts, Media & Design. Faculty Research and Creative Activity

- Incentive Grant. Team category, Spring 2015. \$18,800 (\$9,400 awarded + \$9,400 matching funds from the City of Boston and industry partners - Awarded)
- 2014 Co-PI (with David Fannon, Ivan Rupnik, and Peter Wiederspahn). Prefabricated Housing: Industrial and International Models. Northeastern University College of Arts, Media & Design. Faculty Research and Creative Activity Incentive Grant. Team category, Fall 2016: \$10,000 (Awarded).
- 2014 PI. *Landscapes of Modern Childhood: The role of Aino Aalto in the evolving ecological experiment of the nursery school*. Northeastern University, College of Arts, Media & Design. Faculty Research and Creative Activity Incentive Grant: Spring 2014, Individual grant. \$3,000 (Awarded).
- 2014 Co-PI (with David Fannon). *Resilience Metrics for Urban Building Design*. Building Resilient Boston Partnership. \$12,000 (Awarded)

## TEACHING

### COURSES TAUGHT AT NORTHEASTERN UNIVERSITY

- 2018 Spring **ARCH 7140 Masters Research Studio**. 10 graduate students.  
**ARCH 5120 Comprehensive Design Studio**. (co-coordinator for 5 sections)  
 Taught one section of 10 students (4 graduates + 6 undergraduates) in collaboration with Environmental Engineering Professor Onnis-Hayden, engaged with 13 engineering students.
- 2017 Fall **ARCH 7130 Masters Research Studio**. 10 graduate students.  
**ARCH 5230 Structural Systems**. 16 students (8 graduates + 8 undergraduates)
- 2017 Spring **ARCH 6340 Graduate Topics: Architectural Ecology: Interactions Between Building and Landscape**. 10 graduate students.  
**ARCH 5120 Comprehensive Design Studio**; co-taught with **LARC 5120** as an interdisciplinary section with Professor Scott Bishop (12 architecture students + 3 landscape architecture students)
- 2016 Spring **ARCH 5120 Comprehensive Design Studio**; co-taught as an interdisciplinary section with LARC 5120 Professor Scott Bishop (9 architecture students + 7 landscape architecture students)
- 2015 Fall **ARCH 2230 Structural Systems**. 57 students (9 graduates + 48 undergraduates)
- 2015 Spring **ARCH 5220 Integrated Building Systems**. 79 students (16 graduate students from Architecture + 2 graduate students from the College of Engineering Sustainable Building systems program + 61 undergraduate students from Architecture)

**ARCH 5120 Comprehensive Design Studio** (9 graduate students)

- 2014 Fall **ARCH 2230 Structural Systems.** 61 students (11 graduates + 50 undergraduates)
- 2014 Spring **ARCH 5220 Integrated Building Systems.** 69 students (16 graduate students in Architecture + 2 engineering students from Sustainable Building Systems program + 51 undergraduate students from Architecture)
- ARCH 5120 Comprehensive Design Studio.** 12 students (2 graduates + 10 undergraduates)
- 2013 Fall **ARCH 2130 Site, Space and Program.** 10 students.  
**ARCH 2230 Structures I: Statics.** 37 students (section 01)  
**ARCH 2230 Structures I: Statics.** 34 students (section 02)
- 2013 Spring **ARCH 2140 Urban Institutions.** 11 students.  
**ARCH 2240 Structures 2: Tectonics.** 24 students
- 2012 Fall **ARCH 2130 Site, Space and Program.** 10 students.  
**ARCH 2230 Structures I: Statics.** 37 students (section 01)  
**ARCH 2230 Structures I: Statics.** 18 students (section 02)
- 2012 Spring **ARCH 2140: Urban Institutions.** 12 students
- 2011 Fall **ARCH 2130 Site, Space and Program.** 12 students.
- 2011 Spring **ARCH 5120 Comprehensive Design Studio.** 12 students
- 2010 Fall **ARCH 2130 Site, Type, Composition.** 10 students.
- 2010 Spring **ARCH 5120 Comprehensive Design Studio.** 12 students
- 2009 Fall **ARCH 2130 Site, Type, Composition.** 11 students.
- 2009 Spring **ARCU 311: Pattern and Urban Design.** 10 students

**COURSES TAUGHT AT OTHER INSTITUTIONS**

- 2008 Fall **B-2 Studio.** Boston Architectural College.



2004 Fall **URP 509: Public Economics for Urban Planning.** University of Michigan.

#### **HONORS PROJECT & DIRECTED STUDY ADVISOR**

2018 Spring **SUEN 7978:** Independent Study. Cristhy Mattos. *Unfolding the Black Box.*

2015 Spring **ARCH 4970:** Senior Honors Project. Isabel Brostella. *Sandbag Construction for a School Prototype in Panamá.*

#### **ALTERNATIVE INSTRUCTION**

2018 *Bird Street Design Collaboration.* Advising the newly formed NOMAS student chapter on community engagement practices, and workshop organization for their collaboration with the AIAS on the 2017-18 Freedom by Design project in Boston.

2017 *The North Parking Park.* 2017 EPA Rainworks Competition. Advised an interdisciplinary team of six students from Landscape Architecture, Environmental Engineering, Civil Engineering, and Finance and Supply Chain Management.

2015 *Recharging the City.* 2015 EPA Rainworks Competition. Advised award-winning design entry of an interdisciplinary team of eight students from Landscape Architecture, Environmental Studies, Economics, and Civil & Environmental Engineering; in collaboration with Professor Annalisa Onnis-Hayden.

#### **CURRICULAR DEVELOPMENT**

2016-17 **ARCH 5230 Structural Systems.** Course relocation in the curriculum sequence, course design as advanced level systems course.

2016-17 **ARCH 5120 / LARC 5120** Integration for an Interdisciplinary Capstone course between architecture and landscape architecture

#### **MENTORING OF RESEARCH ASSISTANTS**

2017-present Future-Use Architecture project:  
Kristen Starheim, Architecture graduate student  
Dominik Wit, Architecture graduate student  
Hannah Ostwald, Architecture graduate student

- 2016-present RHOnDA project:  
 Sumeet Dubey, Computer Science & Web development graduate student  
 Brishelle Gamble, Engineering undergraduate student
- 2017-18 RHOnDA project: Anastasia Leopold, Architecture undergraduate
- 2017 LCAart project: Carly Krotowski, Architecture graduate student
- 2016-17 LightWell project:  
 Trinoy Hazarika, Computer Science graduate student  
 Carly Krotowski, Architecture graduate student  
 RHOnDA project: Rohan Jahagirdar, Computer Science graduate student
- 2016 RHOnDA project: Robin Seidel, Architecture graduate student
- 2015-16 Lightwell project: Abhishek Jacob, Sustainable Building Systems graduate student
- 2015 Women in Ecological Design Research project: Isabella Whitehill, Honor Early Research Assistantship, Architecture undergraduate

## **SERVICE TO THE UNIVERSITY**

### **SERVICE TO THE UNIVERSITY**

- 2018- Faculty Advisory Board, Global Resilience Institute, Northeastern University
- 2017-2018 School of Architecture Academic Affairs Committee
- 2017 School of Architecture Lecture Series Organizer: *Social Justice & Design*
- 2017 Maker Space Committee for the School of Architecture
- 2017 First Friday. Faculty host for admitted students. April 20<sup>th</sup>, 2017.
- 2017 NAAB accreditation committee for Interim Chair Lucy Maulsby: develop APR strategy; write content for “Stewardship of the Environment section; evaluation of SPC matrix; and course information for Building Systems courses.
- 2017 Graduate Independent Thesis Selection Jury Member.

- 2016-present Architecture Admissions Portfolio Review
- 2016-17 Contributor. College of Arts, Media & Design's proposal for the *Northeastern University Global Resilience Initiative*, titled: *Designing and Informing Resilience Cities and Communities*.
- 2016-17 Faculty Search Committee for Visiting Assistant Professor in Design for the School of Architecture. Resulted in hiring of Ang Li.
- 2016 Freshman Orientation
- 2016 ACSA Virtual College and Career Expo. November 19, 2016.
- 2015-16 Faculty Search Committee for Visiting Professor. Resulted in hire of Ricardo Camacho.
- 2015-16 College of Arts, Media & Design Academic Affairs committee.
- 2014-2016 School of Architecture Curriculum Committee
- 2014-15 Faculty Search Committee for interdisciplinary position: Sustainable Urban Environments & Information Design. Resulted in the hire of Kian Goh.
- 2014-15 College of Arts, Media & Design Welcome Day Committee. Organized new events; coordinated the participation of students, in collaboration with Ann McDonald from Art & Design; hosted prospective students on campus during a welcome weekend.
- 2014-2015 School of Architecture Undergraduate Recruiting events: Northeastern Booth at College Fair in Wentworth Institute of Technology; Phonathon.
- 2014-present Course co-coordinator for Comprehensive Design Studio
- 2014 Northeastern University Undergraduate Commencement Faculty Marshall

## **SERVICE TO THE DISCIPLINE AND PROFESSION**

### **PROFESSIONAL LEADERSHIP**

- 2018 **Climate Change and Buildings: Adaptation Research Planning.** Invited as a national expert in the subject to help prioritize how the New York State Energy Research and Development Authority (NYSERDA) and others invest in research to

support adaptation of the built environment in response to climate change.

2017-present **Building Technology Educators Society (BTES) Faculty Liaison Network.** Act as a liaison between the organization, the University and its students; provide feedback on writing of BTES white papers and other organizational initiatives; guide conference content.

**PEER-REVIEWER**

2017-present The Plan Journal.

**INVITED PROFESSIONAL DESIGN COMPETITION JURY**

2016 Public Space Invitational 2.0. City of Boston Mayor's Office of New Urban Mechanics.

2011 Common Boston Common Build Design Competition.

**VISITING DESIGN CRITIC**

2018 **Yale University**

Africa Studio, Spring thesis studio, for instructor Alan Ricks of Mass Design

**Boston Architectural College**

Graduate Thesis studio. Instructor Silvia Illia-Sheldahl

**Northeastern University**

Graduate Master's Research studio Final Review. Professor Peter Wiederspahn

Sophomore year Final Review. Instructor Maressa Perreault

2017 **Harvard University Graduate School of Design.**

Architecture 3<sup>rd</sup> Core Studio Final Review, for instructor Oana Stanescu

Guest Desk Critiques for Structural Concepts, with instructor Oana Stanescu

Architecture Core Studio Mid-review. Professor Eric Howeler

**Roger Williams University.** Final Thesis Reviews. Professor Julian Bonder.

**Northeastern University.**

Sophomore year studio. Instructor Michael Grogan

Master of Sustainable Urban Environments Final review. Instructor: Scott Bishop

2016 **University of Nebraska, Lincoln**

Timber Design-Build Studio Final Review. Professor Jason Griffiths.

Graduate Core studio Final Review. Professor David Karle.

Sophomore year studio Final Review. Professor Santiago Perez

**Northeastern University**

Sustainable Urban Environments graduate studio. Professor Kian Goh.

Graduate Master's Research studio Final Review. Professor Tim Love

Sophomore year Final Review. Instructor Chana Houzid

2015 **Rhode Island School of Design**

Final Review, sophomore year core studio. Professor Olga Mesa

**Massachusetts Institute of Technology**

Architecture undergraduate review. Professor Ryan Murphy.

**Harvard Graduate School of Design**

Graduate second year core studio review. Professor John Lott.

**Northeastern University**

Urbanism Studio

Sophomore year design studio

**Wentworth Institute of Technology.** Thesis Studio

2014 **Harvard Graduate School of Design**

Construction Systems Final Review. Professor Eric Howeler

Core Design Studio mid-review.

**Rhode Island School of Design.** Architectural History Research Proposal review

**Wentworth Institute of Technology.** Thesis Studio. Professor Martha Foss

2013 **Harvard Graduate School of Design.** Core Design Studio mid-review.

**Rhode Island School of Design.** Architectural History Research Proposal review

2012 **Harvard Graduate School of Design.** Core Design Studio mid-review.

**Rhode Island School of Design.** Studio review. Professor Olga Mesa

2011 **Harvard Graduate School of Design.** Thesis Studio. Prof. Maryann Thompson

2010 **Rhode Island School of Design.** Studio review. Professor Olga Mesa

- 2009 **Rhode Island School of Design.** Studio review. Professor Yu Morishita
- 2008 **Harvard Graduate School of Design.** Thesis Studio. Prof. Maryann Thompson  
**Northeastern University.** Sophomore year studio
- 2007 **Harvard Graduate School of Design**  
Puerto Rico Aquarium studio. Professor Maryann Thompson  
**Rhode Island School of Design.** Design Principles Studio. Professor Olga Mesa
- 2006 **University of Michigan.** Graduate studio

## **SERVICE TO THE PUBLIC**

### **RESILIENCE EXPERT FOCUSED SERVICE**

- 2018 Volunteer designer and Spanish-language workshop lead. *East Boston Flood Prevention Design Workshop.* Organized by Urban Habitat Initiatives and Neighborhood of Affordable Housing (NOAH). May 18-19, 2018.
- 2018 Resilient Puerto Rico: Provided expertise and participated in discussions with the committee planning the Symposium on Energy + Community Health, a joint effort between Perkins & Will, MIT, Northeastern University and many other institutions.
- 2017-present Boston Society of Architects committee: *Post-Maria: Design Professionals for Puerto Rico*

### **DESIGN + PLANNING FOCUSED SERVICE**

- 2017-present Founder, Friends of Chester Park. Group working to do planning, advocacy and fundraising to reconnect a park in Boston divided by 1950's Highway focused planning and Urban Renewal efforts
- 2016-present Board member, Friends of the South End Public Library
- 2013-present Planning Committee, Chester Square Area Neighborhood Association