

danniely alexandra staback rod r guez curriculum vitae

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Providence, RI

## education

Master of Architecture, Alpha Rho Chi  
MIT School of Architecture and Planning 2018

Bachelor of Environmental Design, Summa Cum Laude  
University of Puerto Rico School of Architecture 2013

## teaching experience

*ARCH-101G CORE 1: Subjects. Tools. Processes*  
coordinator Jacqueline Shaw, RISD Fall 2021

ARCH-102 CORE 2: Constructions  
coordinator Jonathan Knowles, RISD Spring 2021

ARCH 474: Architectural Design and Making  
coordinator Kevin Erickson, University of Illinois Urbana Champaign Fall 2020

ARCH-101G CORE 1: Subjects. Tools. Processes  
coordinator Jacqueline Shaw, RISD Fall 2020

ARCH 473: Architectural Design and Performance  
coordinator Scott Murray, University of Illinois Urbana Champaign Fall 2020

4.154 Architecture Design Option Studio: The Athletic Club  
with Fabrizio Barozzi, MIT Fall 2018

4.022 Design Techniques and Technologies: Thinking through Making  
with Jeremy Jih, MIT Spring 2019

4.181 Design-Build Workshop: Techos: Prototyping Resilience  
MIT IAP 2019

4.181 Design-Build Workshop: Techos: Disaster Responses for Puerto Rico  
with Luisel Zayas, MIT IAP 2018

Graduate Core 3 Studio Teaching Assistant  
Professor: Rami el Samahy / Coordinator: Sheila Kennedy, MIT Fall 2017

Architecture Design Foundations Studio Teaching Assistant  
Professor: Brandon Clifford, MIT Spring 2016

Architecture Fabrication Shop Monitor  
MIT 2015 - 2017

Architecture Career Discovery Instructor  
University of Puerto Rico 2011

### **research experience**

The Food Assembly: Architecture of sustenance for the New Industrial City  
MArch Thesis Committee: Mark Goulthorpe, Caitlin Mueller, Mariana Ibañez MIT Fall 2017

Visiting Research Intern  
Block Research Group, ETH Zurich IAP 2017

Design & Parametrics Studio  
Elisava Escola Superior de Disseny, Barcelona 2012

### **professional experience**

Studio Enée, Needham MA 2021 - Present  
IBA Multipurpose Community Arts Center, Boston South End

Kennedy & Violich Architecture 2019-2020  
MIT Hayden Library Renovation and Hayden Library Courtyard Renovation

International Association for Shell and Spatial Structures 2018  
IASS Boston Symposium: content design, administrative management and coordination,  
print and digital publication design and editing - with Professor Caitlin Mueller

Snøhetta New York City 2016

Kennedy & Violich Architecture Boston 2016

Diaz Paunetto Arquitectos 2013 - 2014

Fuster + Architects 2013

Muuaaa Design Studio 2013

### **current efforts**

Architecture licensure candidate in Massachusetts

Cal OES Safety Assessment Program Certification

Advisory board of the PROTECHOS Foundation

Member of ResilientSEE-PR and Voluntariado de Ingenieros y Profesionales de Puerto Rico

### **awards / recognitions**

Alpha Rho Chi Medal, recognizing Service, Leadership and Promise of Professional Merit  
MIT School of Architecture and Planning 2018

MIT Teaching and Learning Lab  
Kauffman Teaching Certificate, 2018

Schlossman Thesis Research Travel Grant  
MIT School of Architecture and Planning 2017

Marjorie Pierce and Dean William Emerson Fellowship Award  
MIT School of Architecture and Planning 2016

Prix des Professeurs  
Fontainebleau Ecole D'Art Americaines 2016

Tappe Fellowship  
MIT School of Architecture and Planning 2016

Graduate Fellowship Tuition Award  
MIT School of Architecture and Planning 2014

Summa Cum Laude  
University of Puerto Rico 2012

Valedictorian  
St. Mary's School - Puerto Rico 2009

#### **guest speaker**

Earthquake and Hurricane Home Safety:  
*Resource for Design-Construction Professionals and Homeowners*  
Resilient Community Center and Shelter:  
*Planning and Design for the Municipality of Guanica*  
*Sub-Tropical and Tropical Coastal Resilience: Social, Economic, and Physical Adaptations*  
*in South Florida and the Caribbean, University of Miami Symposium April 2021*

University of Illinois School of Architecture Inaugural Lecture Fall 2020

Best Practices for Reconstruction During Pandemics and Natural Disasters  
*Puerto Rico Builders Association, panel speaker June 2020*  
*Voluntariado de Ingenieros y Profesionales de Puerto Rico, panel speaker June 2020*  
*Enterprise Community Partners, panel speaker August 2020*

ResilientSEE ABX Boston panel speaker 2018

150th MIT Architecture Alumni Event in San Francisco Fall 2018

Dinner with the In-Laws "Displaced" with Skylar Tibbits, Garnette Cadogan, James Wescoat  
introduction and panel moderator 2018

Aerial Pop-Up Structures  
Paper presentation and panel speaker, MIT ACADIA Conference 2017

### guest critic

MIT Architecture, RISD Architecture, RISD INTAR, University of Illinois Urbana-Champaign, McGill, University Ana G. Méndez

### publications

Techos: Prototyping Resilience  
Studio Report and Design Guidelines, self published 2019

Keep Safe: A guide for resilient housing design in island communities, content advisor 2018

Sobre el proceso de diseño  
Informa Magazine of the School of Architecture, University of Puerto Rico 2013

Building Slices  
Informa Magazine of the School of Architecture, University of Puerto Rico 2013

### selected projects and roles

#### [Techos: Prototyping Resilience Design Build Workshop](#)

*As a Graduate Teaching Fellow at the MIT School of Architecture and Planning, one of my main objectives was to teach, organize, fund, and execute this design-build workshop that resulted in the design and construction of three hurricane resistant and rain-harvesting roofs for families in Puerto Rico. The workshop had a host of institutional and professional collaborations, in addition to the hands-on participation of MIT students. This project builds on a first workshop (Techos: Disaster Response for Puerto Rico) that I co-taught and co-organized as a graduate student. 2018 & 2019*

#### [Techos: Design Guidelines](#)

*Following the success of the two year project, this illustrated, edited, and self-published design guide and project report collects all the knowledge acquired in a way that can be shared with stakeholders and communities, and serves to document the integrated, multidisciplinary process that made the project possible. The report is meant to support similar efforts in the future. 2019*

#### [House + Village Prototype for Kigali, Rwanda](#)

*The studio led by MIT professor Rafi Segal in collaboration with the Rwanda Housing Authority, the University of Rwanda and Skat Consulting had the goal to design and build a prototype brick house that was part of the vision for a medium density village that dealt with the rise in population in Kigali. Active participation in this project in which academia, industry, labor and a righteous cause come together gave me some of the tools and vision implemented in future projects. 2017*

#### [Fast, Cheap and Out of the Box](#)

*This design-prototype-build studio led by Prof. Skylar Tibbits of the Self Assembly Lab, co-funded by the School of Architecture and Planning and the MIT Museum, called for the creation of an "instant shelter" that could be transported and deployed in mid-air. The project also prompted me to step into a "project manager" role to manage deadlines and funding. 2016*