



U-SoA SPRING 2017  
**FINAL REVIEWS**  
4.28.17 - 5.2.17

Dear Students, Faculty and Guest Critics,

At the end of each term, students, faculty, guest critics and members of the community participate in the U-SoA Final Review, a tradition that has long defined architectural education in North America. Alternative models for the submission and evaluation of student work at the end of the term exist, but none have displaced this ritual despite some of its known shortcomings. Arguably, the enduring success of the traditional final review is not entirely due to its pedagogical virtues. The public aspects of the event are essential ingredients, from the spectacle of the work on display to the animated exchanges between students, faculty and jury members. The jury's comments are meant to guide the students in their learning process. They are most valuable when they depart from individual projects to launch a broader discussion of the ideas that animate the school and position it in the ongoing public debate. The U-SoA Final Review demonstrates the relevance of the issues we tackle with our students and showcases the diverse ways in which we engage them.

For the end-of-year reviews we choose a public venue outside the University of Miami's Coral Gables campus. The setting is important: this is where U-SoA engages its larger community in an annual ritual, where students present their ideas to the public in the city, where ideas are tested for their traction in the world, beyond the studio. After two years in the Miami Design District, the U-SoA Final Review moves to a new home: the Faena District. It is an exciting opportunity to be in a place that epitomizes Miami's architectural ambition — the Faena Bazaar designed by OMA — and to extend U-SoA's reach to another neighborhood in the city. We are delighted with the new setting and grateful for Faena's generous sponsorship.



Rodolphe el-Khoury, Dean  
School of Architecture, University of Miami





Photo by Bruce Damonte

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## AGENDA \ DAY 1

FRIDAY, APRIL 28, 2017

9:00am - 12:00pm

**Reviews @ U-SoA**

FIRST YEAR UNDERGRADUATE  
Korach Gallery

Frank Martinez (coordinator)  
Cristina Canton  
Victor Deupi  
Oscar Machado

FIRST YEAR GRADUATE  
Old Gallery

Rocco Ceo

1:30 - 5:00pm

**Reviews @ U-SoA**

SECOND YEAR UNDERGRADUATE  
Korach Gallery

Edgar Sarli (coordinator)  
Germane Barnes  
Juan Calvo  
Alice Cimring  
Samira Daneshvar

## AGENDA \ DAY 2

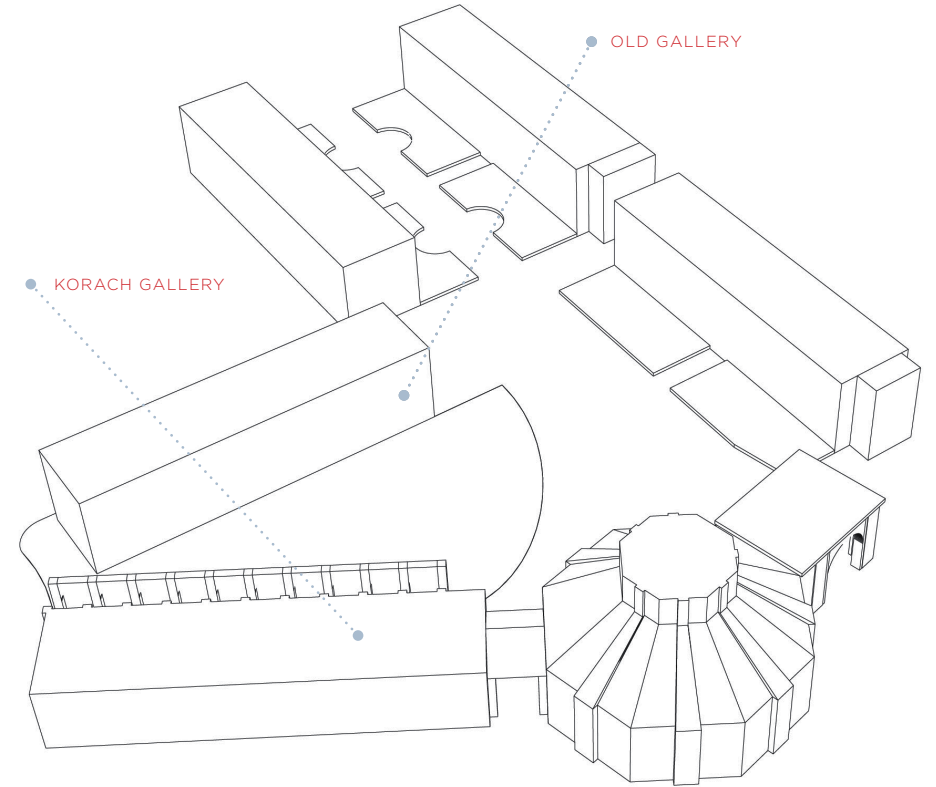
SATURDAY, APRIL 29, 2017

9:00am - 12:00pm

**Reviews @ U-SoA**

THIRD YEAR UNDERGRADUATE  
Korach Gallery

Armando Montero (coordinator)  
Jose Gelabert-Navia  
Adam Krantz  
David Trautman



**U-SoA \ UNIVERSITY OF MIAMI SCHOOL OF ARCHITECTURE**

1215-1223 Dickinson Drive, Coral Gables, Florida 33146

## AGENDA \ DAY 3

### MONDAY, MAY 1, 2017

7:30am  
Shuttle leaves U-SoA  
for Faena

8:30 - 9:00am  
Pin-up and Coffee  
@ Faena Bazaar

9:00am - 12:30pm  
**Reviews @ Faena Bazaar**

UPPER LEVEL  
DESIGN STUDIOS

White Room  
Wyn Bradley

Gray Room  
Jorge Hernandez  
Ricardo Lopez

Red Room  
Zhao Pei

12:30 - 2:00pm  
Lunch  
@ Bazaar Rooftop

2:00 - 5:30pm  
**Reviews @ Faena Bazaar**

UPPER LEVEL  
DESIGN STUDIOS

Gray Room  
Robert Behar

Red Room  
James Brazil

White Room  
Jacob Brillhart  
Denis Hector

Lobby Room  
Joanna Lombard  
Veruska Vasconez

6:00pm  
Shuttle leaves Faena  
for U-SoA

## AGENDA \ DAY 4

### TUESDAY, MAY 2, 2017

7:30am  
Shuttle leaves U-SoA  
for Faena

8:30 - 9:00am  
Pin-up and Coffee  
@ Faena Bazaar

9:00am - 12:30pm  
**Reviews @ Faena Bazaar**

THESIS

White Room  
Session A

Gray Room  
Session B

MRED+U  
Red Room  
Chuck Bohl

12:30 - 2:00pm  
Lunch  
@ Bazaar Rooftop

2:00 - 5:30pm  
**Reviews @ Faena Bazaar**

THESIS

White Room  
Session A

Red Room  
Session B

UPPER LEVEL  
DESIGN STUDIOS

Gray Room  
Adib Cure  
Teofilo Victoria

5:30 - 6:00pm  
Break and  
Awards Committee Meeting

6:00 - 8:00pm  
**Awards Ceremony @ Faena Forum**  
Followed by Reception

8:30pm  
Shuttle leaves Faena  
for U-SoA

12:00 - 3:00pm  
**Reviews @ U-SoA**

UPPER LEVEL  
DESIGN STUDIOS

Building 35,  
Room 360  
Deborah Franqui  
Juhong Park





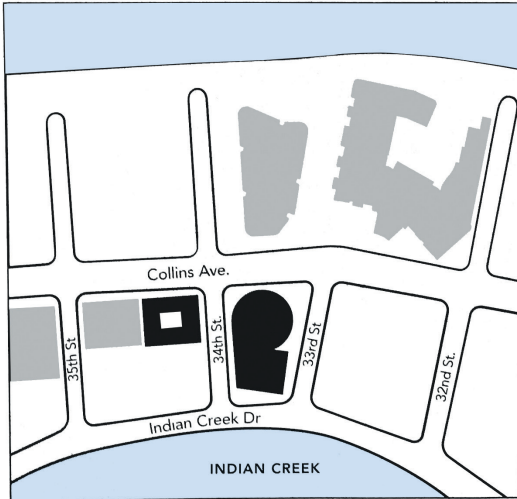
### FAENA BAZAAR \ FAENA ARTS DISTRICT

3400 Collins Avenue, Miami Beach, Florida 33140



### FAENA FORUM \ FAENA ARTS DISTRICT

3300 Collins Avenue, Miami Beach, Florida 33140



## U-SoA, KORACH GALLERY

\ 4.28.17, 9:00AM - 12:00PM

### STUDIO NAME

ARC 102 - First Year Undergraduate  
Architecture Design

The City as a Work of Art, Solares Hill  
Garden and “Loggia”

### INSTRUCTORS

Frank Martinez (coordinator), Cristina  
Canton, Victor Deupi, Steven Fett,  
Oscar Machado

### STUDIO DESCRIPTION

The citizens of Key West and the Solares  
Hill Neighborhood wish to build upon and  
enhance the beauty of their city. The goal  
is to create both a public gathering space  
and a building that embodies the original  
architectural goals and aspirations of Key  
West. The project, therefore, is to design a  
Public Garden & Loggia. This new use and  
programmatic proposal for the site seeks  
to provide the inhabitants of the Solares Hill  
neighborhood and the City, a small place for  
leisure, play, meditation and congregation in  
a manner appropriate with Key West and its  
urban history.

The site confronts us with a series of complex  
urban and architectural issues ranging from  
the notion of the role of Public Space &

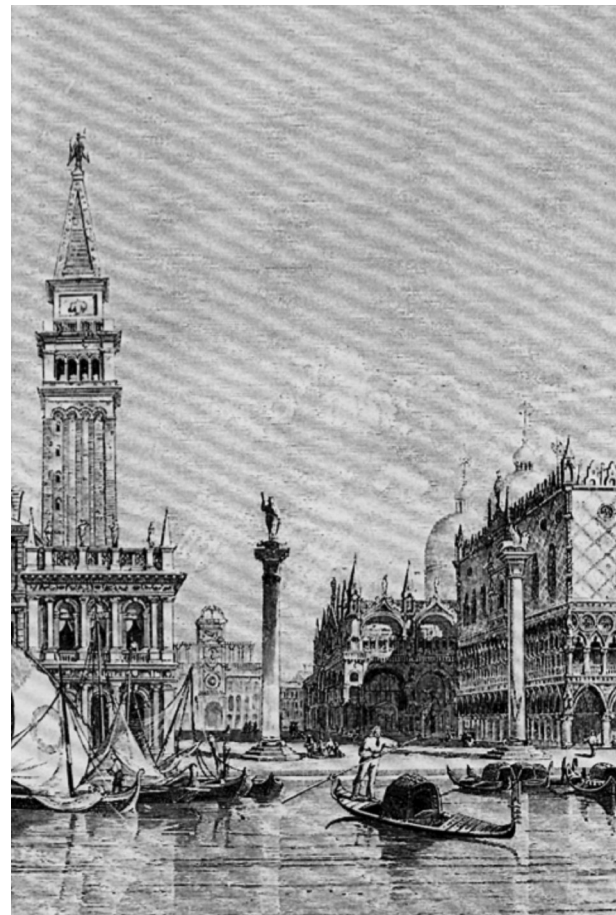
Public Building, as a generator of Urban  
Form, to the influence of folklore and culture  
in the definition of the contemporary city.  
Moreover, basic principles of architecture and  
city building, essential for the construction of  
a modern city shall be explored.

Ultimately, the project program invites  
questions of how the relation of public  
and private uses might be defined and  
spatially-related, both at the scale of the  
building and at the scale of the larger urban  
environment. Furthermore, we will need to  
address the question of how to develop a  
memorable and appropriate architectural  
character for a loggia, specifically suited  
to Key West, a city with a rich Cultural and  
Architectural Heritage. These investigations  
together with the overlapping myths of the  
place, its culture, and its legacy of streets  
and buildings, should provide us with a  
profound and defining influence for the final  
configuration of the project.

*(opposite page)*  
*Venice, the Piazzetta*

*“...the city represents the progress of  
human reason, is a human creation per  
excellence; and this statement has  
meaning only when the fundamental point  
is emphasized that the city and every  
urban artifact are by nature collective”.*

*- Aldo Rossi, The Architecture of the City*



### STUDENTS

Mayram Alanzi  
Mikayla Paris Allen  
Maria Aparicio  
Tiffani Banks  
Michael Cannon  
Alexandra Cherem  
Sofia Contreras  
Alexandra Leitch  
Stefanie Levy  
Malek Waleed Matbooli  
Sofia Silva Cadena

Lulwah Aldamkhi  
Valeria Dimitryuk  
Okan Has  
Alexandra Morgan Kupi  
Jichu Li  
Jheanelle C. Miller  
Daniel Eduardo Morgan  
Rebecca K. Rudner  
Haoran Wang  
Yemin Yan  
Weiyi “Yui” Zheng

Yasser Abualfaraj  
Faris Al Aswad  
Megan Browne  
Clarissa Hellebrand Blasini  
Daniel Kamb  
Joshua Kaufman  
Hunter Kronk  
Maria Isabel Lira Adrian  
Brendan Riggs  
Madison Taylot Seip  
Shimeng Yang

Ryan Danius  
Shariq Ishaque  
Sofia A. Kiblsky  
Gretchen Lemon  
Karlie Ann Lobitz  
Christian T. Meyer  
Morgan O'Brien  
Alexandra Remos  
Hannah Lilia Rodriguez  
Isabella Alexis Santos  
Olivia T. Schilling  
Tanner Wall

## U-SoA, OLD GALLERY

\ 4.28.17, 9:00AM - 12:00PM

### STUDIO NAME

*ARC 605: First Year Graduate Architecture Design and Theory*

NATURE LAB - A New Arts and Housing facility for RISD, Rhode Island School of Design, Providence, Rhode Island

### INSTRUCTOR

Rocco Ceo

### STUDIO DESCRIPTION

The studio is looking at how architectural form is informed by thoughtful consideration of materials and methods of construction in a dense urban environment, rich in material, stylistic and typological history.

The studio will also engage notions of containment, display, and the production of meaning in architecture. Parallel to this work will be the question of how nature is represented in the city through the pursuit of an institutional program in need of identity, on a campus that has traditionally been resistant to the notion of center or conformity. An attempt will be made to look at what constitutes the language of this institution's identity and how it may be addressed in an unprecedented program that mixes public and private space.



### STUDENTS

Jessica Abecassis

Aigerim Amirova

Evan Bobo

Melissa Ledezma

Andrew Phillip Lionikis

Maria Andreina Del Valle Noriega Guerrero

Junkang Shao

Kyrah L. Williams



## U-SoA, KORACH GALLERY

\ 4.28.17, 1:30 - 5:30PM

### STUDIO NAME

*ARC 204: Second Year Undergraduate Architecture Design*

Margaret Pace Park Aquatic Center

### INSTRUCTORS

Edgar Sarli (coordinator), Germane Barnes, Juan Calvo, Alice Cimring, Samira Daneshvar

### STUDIO DESCRIPTION

Margaret Pace is an eight acre waterfront park located at the northern edge of the Arts and Entertainment District of the Greater Downtown Miami area. Its central location and proximity to the Omni metro mover station and bus terminal make the park one of the best options for neighbors and residents of the entire downtown area, searching for a public space dedicated to outdoor recreational activities. There are currently tennis, basketball and beach volley courts, as well as open grass areas where soccer and yoga are practiced. There is currently no swimming pool in the park.

The park is defined on its western edge by the existing condominium towers, on the south, by the Double Tree marina and hotel, and on the east, by the spectacular views

of Biscayne Bay. The north side of the park, where the site for the project is located, is currently shaped by a water inlet and does not offer a distinguishable physical edge. One of the challenges of the project is to propose a structure that would clearly define the realm of the park.

The project is to design a swimming facility with an envelope that would allow it to function even during bad weather conditions. The swimming hall does not need to be air-conditioned; rather, it should be naturally-ventilated. During bad weather forecasts, it should offer users the same level of safety and comfort as an enclosed space would.

*(opposite page)*  
*Stadtbad Mitte, Berlin*  
*by Heinrich Tessenow*



### STUDENTS

Abdulaziz Alghannam  
Bernute Augustin  
David Holmes  
Fioriana Larche  
Israel Martinez  
Julia Murdhoch  
Shannar O'Connor  
Sol Perchik  
Sheng Qian  
Sarah Alnoman

Saad Alhajri  
Youssef Alkhomees  
Amanda Arrizabalaga  
Laura Beltran  
Michael Burke  
Jacob Crociati  
Frances Gelbart  
Tianyu "Kelsey" Wang  
Max Mcinnes

Moises Abbo Mizrachi  
Ahmed Alanezi  
Jesse Alvarez  
Yasmine Benchekroun  
Emily Carter  
Sixue Chen  
Siyu Deng  
Kyle Ferry  
Sydney Maubert  
Claudia Silva

Shuail Alshuail  
Felipe Arias Mamais  
Maan Ezmirly  
Deborah Herington  
Jiaqi Huang  
Joshua Kleinberg  
Emily Suarez-Aviles  
Andrea Szapiro  
Hannan Vilchis-Zubizarreta  
Julia Zollner

Daniella Cancel  
Juan Guareschi Mujica  
Regyne Heurtelou  
Elsa Hiraldo  
Rachael Liberman  
Beltran Lozano Martinez  
James O'Keef  
Ali Tanriyar  
Lyndsey Weeks  
Jingyi Xu

## U-SoA, KORACH GALLERY

\ 4.29.17, 9:00AM - 1:00PM

### STUDIO NAME

*ARC 306 - Third Year Undergraduate  
Architecture Design*

Pigeon Key Education Center for Coastal  
Resilience - a research and resource center

### INSTRUCTORS

Armando Montero (coordinator),  
Jose Gelabert-Navia, Adam Krantz,  
David Trautman

### STUDIO DESCRIPTION

Pigeon Key Education Center is an interdisciplinary center that conducts research on the interactions of coastal ecosystems, and the built environment as affected by climate change. The Center will host researchers from around the world interested in research topics that parallel the mission of the Center.

The mission of the Center is to understand the ways coastal ecosystems have adapted to change in the past and to project their response to future changes. Investigations on the natural environment are carried forth to the built environment where strategies for adaptability are proposed and evaluated. Pigeon Key, a small island of approximately 5 acres, is the home of 8 Historic Buildings

on the National Register of Historic Places (formally the work camp for Henry Flagler's railroad the Florida East Coast Railway). At the height of construction on the Railroad, as many as 400 workers were housed on the island. Many of the buildings that were constructed to house workers incorporated unique construction features that allowed them to be dismantled and relocated. Currently, the Pigeon Key Foundation conducts tours, educational programs and research endeavors.

The studio challenges the student to understand that architecture in its physical manifestation is the result of an integrative process that is given meaning by the intent of the Architect. Intent lies not in the realm of physicality but transcends physicality and embodies it with meaning whereby "the whole is greater than the sum of the parts".



### STUDENTS

Catalina Chaves  
Qiazi Chen  
Maxwell Erickson  
Kurt Gessler  
Andrea Hernandez Torres  
Nicolle Janek  
Maria Ramos Rodriguez  
Adrianna Rivera  
Xiangyu "Jack" Shao  
Dylan Starr

Luis Felipe Delgado  
Chesney Henry  
Ashley Katz  
Jose Mozza Vargas  
Flavia Russo

Alexander Underwood  
Arnost Wallach  
Junyong Wu

Feras Almadhi  
Sandra Camejo  
Yasemin Cetinalp  
Jacob "Luke" Gardner  
Lorena Knezevic  
Jason Mahadeo  
Michaela Senior  
Caitlin Smith  
Robert Soldano  
Jaime Toro Irizarry

Nishi Bordia  
Andrew Clum  
Christopher Damico  
Gabriella Feito  
Olivia Kramer  
Nicholas Meury  
Nathan Morales-Gallardo  
Alyssa Osborn  
Bernardo Rieveling  
Ashley Zambrano

## FAENA BAZAAR, WHITE ROOM

\ 5.1.17, 9:00AM - 12:30PM

### STUDIO NAME

Upper Level Architecture Design Studio  
and Seminar

Professional Advancement, Internship +  
Research (PAIR Program)

### INSTRUCTOR

Wyn Bradley (coordinator)

### HOST OFFICES

Center for Urban & Community Design,  
Miami-Dade County Parks Department &  
Zyscovich Architects

### STUDENT NAMES

Catherine Crotty  
Andrew Dai  
Siyu Wang



Earth's global temperature depends on the balance between energy entering and leaving the planet's systems. An imbalance of energy creates climate change, which alters the natural function of Earth's elements. To decrease the rate of deterioration on our planet's atmosphere and resources, it is essential that alternative energy sources be innovated and implemented. Intellectuals around the world have innovated products that utilize recyclable matter, reduce carbon-emissions, and conserve vital resources such as energy and water. Integrating these products into large scale projects, such as those within Miami-Dade County's Parks, Recreation, and Open Spaces Department, where significant contributions can be made towards preserving our planet. I have created a research catalog of innovative materials and products that can address the non-renewable demands in Miami Dade County.

- Catherine Crotty

In uncovering flaws of the outdated American Education System, new pedagogical prototypes and philosophies arise. 21st Century changes are being made to the way we teach and the skills children acquire. These modifications call on architects to readdress the spatial configuration of our educational system. My research contains modern trends of K-12 educational architecture and a series of simple methods to enhance and adapt existing classrooms. To face the new world, architects can prepare the present classrooms for the future.

- Andrew Dai

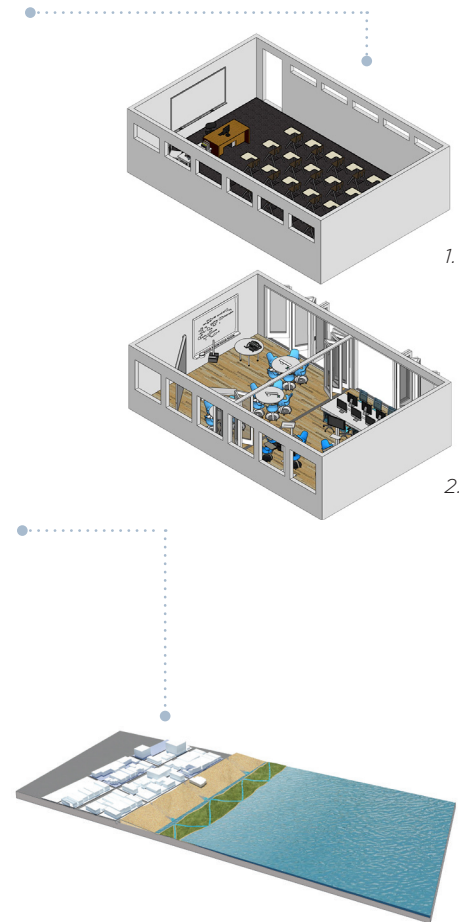
(image to the right)

1. Traditional Classroom

2. 21st Century Classroom

Miami Beach is a city impacted, not only by the ongoing stress of sea level rise, but the acute hazard from hurricanes, storm surge and tidal waves. As a protective measure, Miami Beach has spent significant amounts of time and resources addressing the constant stress of sea level rise. They are upgrading infrastructure systems, lifting roads, installing pump stations and increasing runoff capacity and filtration. My research and design focuses specifically on a solution to the acute, temporary, flooding hazards where the built environment of Miami Beach and the Atlantic Ocean meet.

- Siyu Wang



## FAENA BAZAAR, GRAY ROOM

\ 5.1.17, 9:00AM - 12:30PM

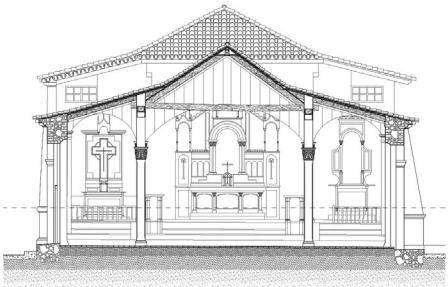
### STUDIO NAME

*Upper Level Architecture Design*

Preservation Studio - Santiago de Cuba

### INSTRUCTORS

Jorge Hernandez, Ricardo Lopez



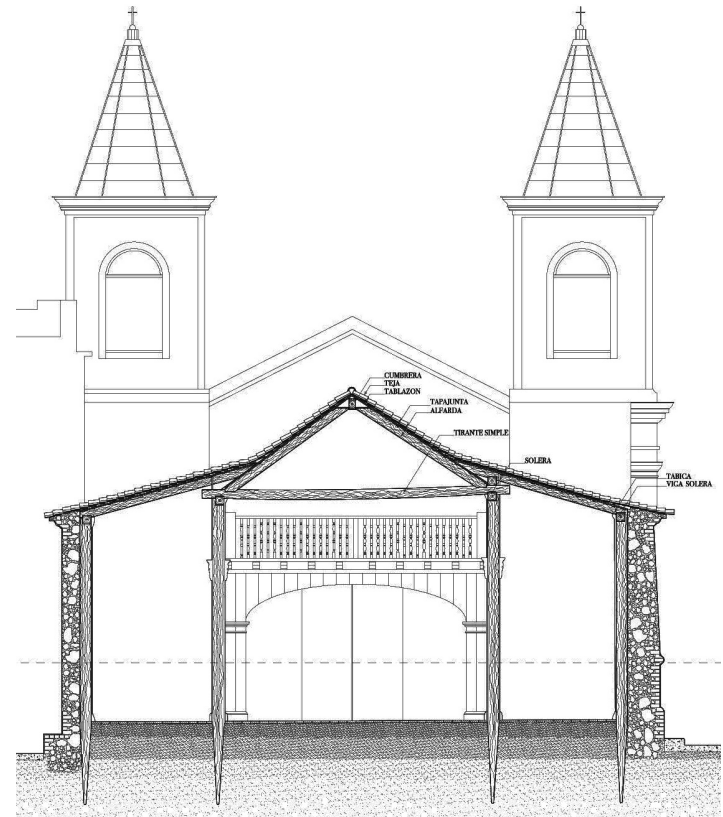
### STUDIO DESCRIPTION

The focus of this studio is on documentation, restoration and planning with historic recourses. The subject property is the early 18th century Colonial Church of Santa Lucia, one of the twelve churches that form the urban armature and territory of the original Capital of the island nation.

These churches have been recognized as global patrimony by the World Monument Fund. Students will provide assistance to the Archdiocese of Santiago de Cuba by documenting and preparing restoration plans and adding new structures to help in social justice outreach for the urban neighborhood (parish) of Santa Lucia.

The class traveled to Santiago de Cuba in January to engage in field measurements and documentation of historic church following the standards and guidelines set forth by the U.S. Department of the Interior's Historic American Buildings Survey. After completing the documentation drawings upon returning to Miami, the students were to propose a restoration plan using US and UNESCO techniques for the treatment of historic fabric.

*Colonial Church of Santa Lucia*



### STUDENTS

Hannah Breedlove

Lok Chan

Camille Cortes

Joshua Durkee

John Gonzalez

Kirstin Marshall

Sydney Matsumoto

Catalina Ruiz

Matthew Smith

Danielle Todd

## FAENA BAZAAR, RED ROOM

\ 5.1.17, 9:00AM - 12:30PM

### STUDIO NAME

*Upper Level Architecture Design*

CHINA URBANIZATION STUDIO

Urban Patch for the Sub-center of Beijing

### INSTRUCTOR

Zhao Pei

### STUDIO DESCRIPTION

The mega-city Beijing has more than 20 million population under the heavy traffic and pollution problems. To relieve the burden of Beijing city, in 2015, the municipal government formally issued an administrative sub-center plan to relocate most functions of the municipal government to Tongzhou, a small town, a one hour drive from downtown Beijing. As of 2015, more than 0.4 million immigrants moved in.

With this in mind, students selected one of two sites with existing buildings (abandoned factory or informal urban area thought as negative urban space) in the old downtown of Tongzhou, and proposed an adaptive reuse design to serve the local community and city. The studio project aims to reuse, re-inhabit and improve the selected sites. The design intervention will be studied at multiple scale levels from



urban research, site analysis to building design concepts that integrate architecture, landscape and construction and from urban strategy to building design concepts that implement evidence-based design principles.

### STUDENTS

Yeping Cao

Christel Orbe

Jules Romier

Corey Shapiro

Zachary Silver

Jingbo Sun

Kaidi Wei

Yinzhe Zhang

Yating Yang

## FAENA BAZAAR, GRAY ROOM

\ 5.1.17, 2:00 - 5:30PM

### STUDIO NAME

*Upper Level Architecture Design*

New York City Studio, Pier 54

### INSTRUCTOR

Roberto Behar

### STUDIO DESCRIPTION

In partnership with The Irwin S Chanin School of Architecture at the Cooper Union the Studio investigates the architecture of the waterfront and the New York City skyscraper. The project is located at Pier 54 also known as the Cunard Line Pier. The neighboring area is home to the new Whitney Museum by Renzo Piano, the beginning of the popular High Line and the now fashionable Meat Packing District. The building program includes the invention of a meaningful public space at the pier and a mid rise building with a mixed use program at the threshold of the encounter of New York City with the Hudson River.



### STUDENTS

Rekaz Aljedaani  
 Shahad Alsulaimani  
 Mohammed Alwadie  
 Alyssa Atkinson  
 Hussain Binafif  
 Massel Bostan  
 Erron Estrado  
 Wenxin Jiang  
 Hannah Landman  
 Nahar Rushdi

## FAENA BAZAAR, RED ROOM

\ 5.1.17, 2:00 - 5:30PM

### STUDIO NAME

Upper Level Architecture Design

### FABRICATING FOOD

a micro-urban infrastructure towards a neighborhood metabolism

### INSTRUCTOR

James Brazil

### STUDIO DESCRIPTION

*"The world will starve before it drowns"*

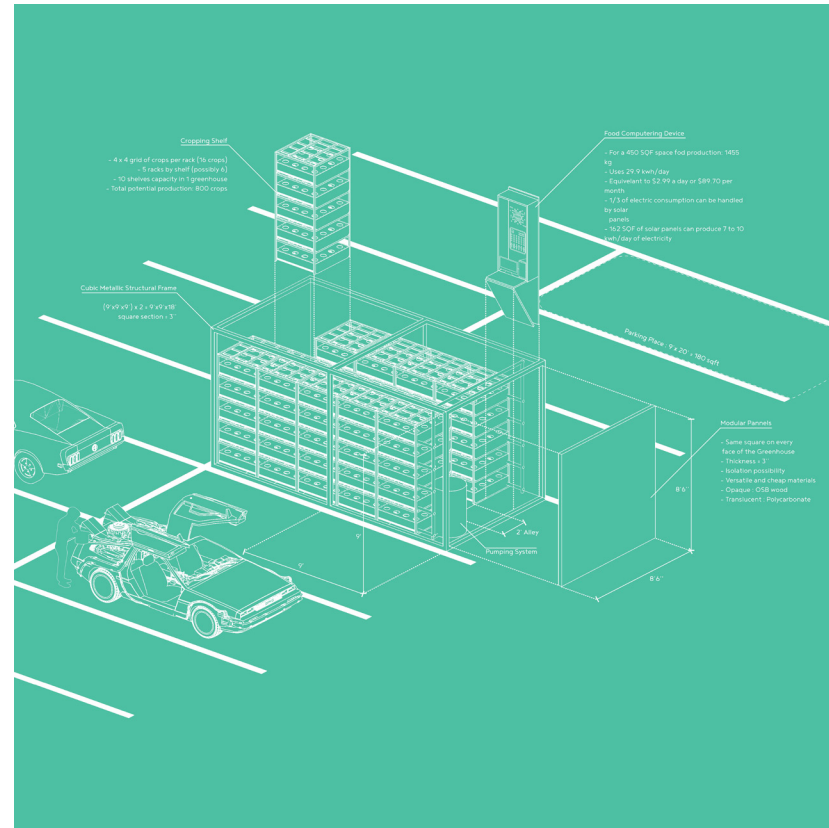
This studio researched, designed and developed a self-sufficient city strategy for Miami Dade County in response to the hypothesis. What will Miami look like if it had to feed itself?

Functioning as a laboratory for research, we re-constructed the city as a prospective project. Students spatially explored in collaboration with local urban agriculture experts multi-scalar scenarios of Miami's urban food future(s). This visionary dimension to architecture is to argue a larger scale communal agenda about the inequality of food access and the global insecurity facing the immediate future of humankind. The burgeoning population growth of urban centers coupled with the

increasing scarcity of resources leads us to speculate on new values of the city. This is increasingly critical to current practice and discourse which advocates the necessity to research, theorize and politicize the urban future as the most actual territory of architecture.

The studio proposes a self-sufficient micro-urban food infrastructure capable of retrofitting the city in a 12 month scenario in which Miami would have to feed itself completely within the Miami-Dade urban development boundary, exploring interstitial urban and suburban spaces of Miami as potential sites to explore 'Zero Acreage Farming'. Students modulate local agricultural production design systems that can be accommodated into one parking space dimension, measuring 18ft (l) x 9ft (w) x 8ft (h).

The design encompasses a completely closed loop system where all inflows and outflows of water, energy, biomass, nutrients and soil will be considered and designed to complete the self-sufficient system. Students further evolve their conceptual design application spatially in Miami-Dade by setting up a set unit model as a prototype for the most efficient self-contained system and then spatially multiplying to feed various territorial scales based on population density.



### STUDENTS

Catherine Batista  
 Alexis Chatellier  
 Gabriel Fischler  
 Jessica Flores  
 Colby Gallagher  
 Sylvain Gouyer  
 Marissa Gudiel  
 Adriana Mackliff  
 Austin Rico  
 Marcus Riley

**FAENA BAZAAR, WHITE ROOM**

\ 5.1.17, 2:00 - 5:30PM

**STUDIO NAME**

*Upper Level Architecture Design*

IDEA LAB / an Innovation Center

**INSTRUCTORS**

Jacob Brillhart, Denis Hector

**STUDIO DESCRIPTION**

The IDEa Lab (Intersections Development in Action Lab) is a seed-funding mechanism, an efficient organizational structure, a facility, and a set of physical spaces within the University of Miami that will contribute to build bridges between people and ideas to interact and converge in intersections to produce multidisciplinary teamwork and innovations.

- Dr. Enrique Ruelas, IDEa Lab-Building Bridges for Excellence and Relevance, 2016

Innovation districts provide the hub for intellectual, social and economic development, supporting a network that connects research, entrepreneurship and investment. The role of universities within this innovation framework is evolving across the US. The size of these engagements range from the 12-acre Cornell Tech's Bloomberg Center to Northwestern University's quarter-acre Garage. Although radically different scales of endeavor, the heart of these initiatives is centered on a dynamic role for the university faculty and students to develop creative collaborations beyond conventional academic, institutional and boundaries.

What kinds of places and spaces can best foster the high-energy environment associated with innovation? How can architecture inform and facilitate innovation?

**STUDENTS**

Salma Alessa

Noor Alhazeem

Anthony Cataldo

Marina Engel

Rhys Gilbertson

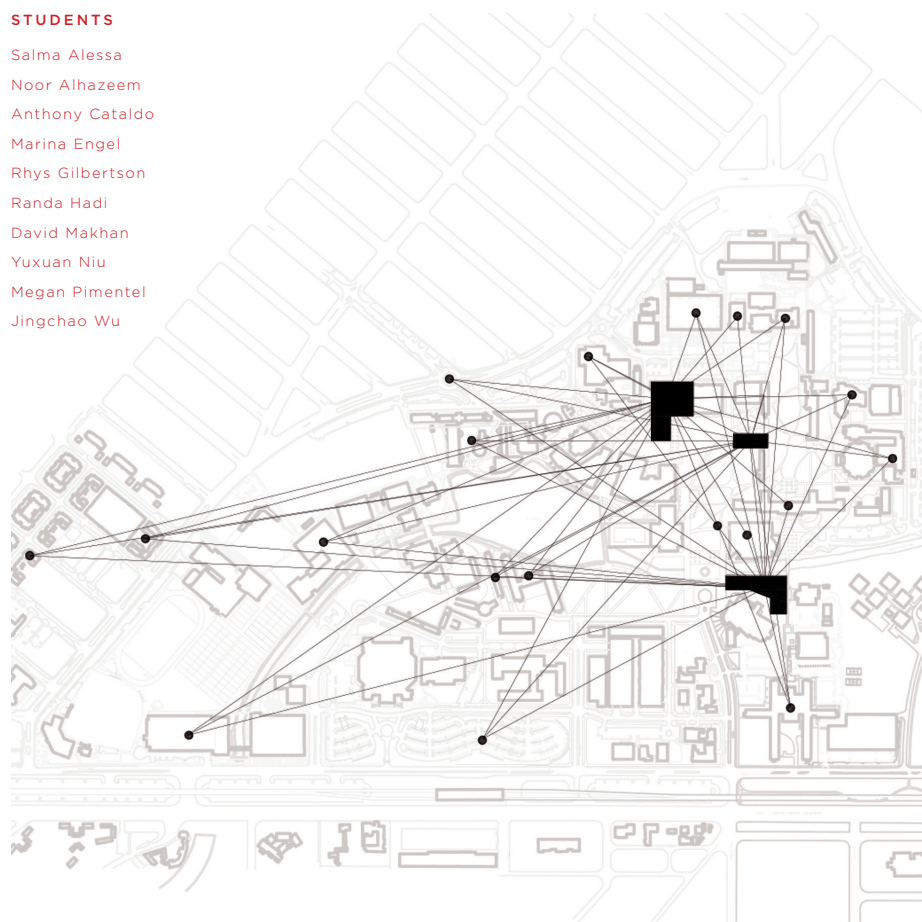
Randa Hadi

David Makhan

Yuxuan Niu

Megan Pimentel

Jingchao Wu





**FAENA BAZAAR, LOBBY**

\ 5.1.17, 2:00 - 5:30PM

**STUDIO NAME**

*Upper Level Architecture Design*

Urban Design Studio

**INSTRUCTORS**

Laura Heery, Joanna Lombard,  
Veruska Vasconez

**STUDIO DESCRIPTION**

Studio Context: The second semester of the Master of Urban Design program provides a comprehensive approach to supporting neighborhoods through strategies to enhance neighborhood identity, vitality and placemaking. Projects address mobility, connectivity, resilience, economic opportunities, and an infrastructure of health and well-being. The studio opened with the 2-week ULI/Hines project for the Chicago North Branch Industrial Corridor, and proceeded to the Grove Park/Bankhead Neighborhood Plan in Atlanta. Working with Emerald Corridor Foundation leadership and building on Atlanta's Comprehensive Development Plan (2004) adoption of the City's Donald L. Hollowell Parkway Redevelopment Plan (2003) for a neighborhood-based vision for the central section of the Parkway, the studio developed proposals to transform the existing urban

highway into a livable corridor within a healthy neighborhood network linked by sidewalks, trails, cycling corridors, and transit.

Atlanta Context: Bounded by West Lake Avenue, the Bankhead MARTA station, Westside Reservoir Park, Atlanta BeltLine, and North Avenue, the impact area of 90+ acres includes the Proctor Creek Watershed one of eighteen watersheds in the US Urban Waters Federal Partnership, which seeks to “protect Americans’ health by revitalizing urban waterways in under-served communities”), as well as the historic Grove Park neighborhood (c. 1920s) established by the Grove Park Development Company, best known for the Grove Park Inn (Asheville, NC). More than 30% of the focus area’s homes were built before 1960. The median household income in 2013 (<\$26,000) is half the Atlanta median household income, and \$2000 above the poverty threshold for a family of four. Although current property vacancies are high and values are low, the area is within 2.5 miles of international business headquarters, universities, parks, sports facilities, the Sunset Avenue Historic District, home to renowned civil rights leaders including Martin Luther King, Jr., Julian Bond, and Maynard Jackson. The Atlanta BeltLine and expansion of transit with connectivity to downtown position the Hollowell Corridor and its neighborhoods at a transformational threshold.

**STUDENTS**

Karim Eliabiy  
Emily Elkin  
Brandon Fennell  
Xiang Li  
Xiyang Li  
Reem Najjar  
Frank Noska  
Xinyuan Shi  
Jing Wang  
Corey Weiss

**STUDIO NAME**

*ARC:610 - Thesis*

**THESIS ADVISORS**

Rodolphe el-Khoury  
*Dean*

Jean-Francois Lejeune  
*Professor*

Carie A. Penabad  
*Associate Professor*

Eric Firley  
(Thesis Coordinator)  
*Assistant Professor*

Jacob L. Brillhart  
*Assistant Professor*

Zhao Pei  
*Visiting Professor*

James Brazil  
*Visiting Professor*

Germane Barnes  
*Lecturer*

Joachim Perez  
*Lecturer*

**DESCRIPTION**

The Architectural Thesis or Master's Project is a design project conceived of, developed, and defended independently by the individual student that aims at being an original contribution to the field of architecture. The thesis is a two-semester, 9-credit process that includes a seminar and a design studio led by one or two faculty members. The Thesis must be approved by the ad-hoc faculty in partial fulfillment of the requirements of the Master of Architecture Degree (3-year or 2-year).

Allan T. Shulman  
*Director of Graduate Programs  
in Architecture*

**STUDENTS**

Claudia Aguado  
Rene D. Bello  
Junje Bu  
Sophia Ellen Champagne Cain  
Anthony Ryan Carden  
Yi Wei Chiou  
Sloan Thomas Elsesser  
Brendan Holland Fagan  
Nora Gharib  
Zhengrong Hu  
Mengru Jing  
Jiayi Li  
Xiaodi Liu  
Nika Mirrafie  
Carlos Noel Morales Mangual  
Anna Parekh  
Zengjunyun Qiao  
Sheena Ramnarine  
Andrew Lyon Noah Richler  
Michael Riebesell  
Conor William Stuhrcke  
Jie Su  
Shihui Wang  
Yiqing Wang  
Yin Xu  
Boya Zhang  
Yihan Zhao

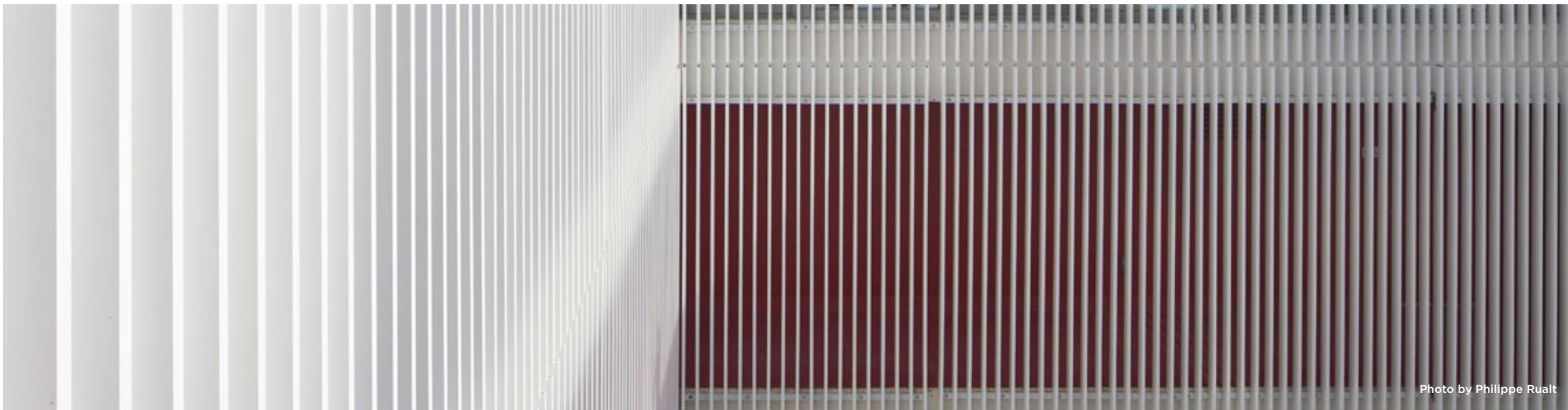


Photo by Philippe Ruault

### FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

Junjie Bu  
Rene D. Bello  
Claudia Aguado  
Nika Mirrafie  
Carlos Morales  
Yiqing Wang

### FAENA BAZAAR, GRAY ROOM

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

Anthony Carden  
Yi Wei Chiou  
Jiayi Li  
Zengjunyun Qiao  
Sheena Ramnarine  
Shihui Wang

### FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

Sophia Cain  
Brendan Fagan  
Andrew Richler  
Michael Riebesell  
Jie Su  
Yin Xu

### FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

Sloan Elsesser  
Nora Gharib  
Mengru Jing  
Xiaodi Liu  
Conor Stuhrcke  
Boya Zhang  
Yihan Zhao

## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### JUNJIE BU

From Zhejiang, China

Bachelor Program of Architecture,  
Zhejiang University City College, China

Thesis Advisor:  
James Brazil, Visiting Professor

#### A Boarding House for Creative Wanderers

In this project, the Wanderer is defined as a person who moves in and out of Miami in a time period of just 2 years. The Boarding House is a place that can help Wanderers to settle down in the city, help them with designed spaces and facilities, and ultimately

transform them into permanent residents. Leisurewise, Miami is considered to be the 3rd best city for creative 20-somethings. However, ranked at number 62, it is not a good choice for young people to start their careers. Issues with career development and high living costs have become the main reasons for young people to leave. This makes Miami the seventh "Best City for Wanderers" in the United States, which means that a lot of people choose to move to the city and leave for another place in less than 2 years.

The main objective of this project is to provide a building with cheap accommodation and comfortable creative work space for this young, creative Wanderer. The project aims also to create opportunities and to drive the development of the entire region through an increase in densities.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### RENÉ D. BELLO

From Cartagena, Colombia

Bachelor of Design, Architecture,  
University of Florida, USA

Thesis Advisor:  
James Brazil, Visiting Professor

#### RESILIENCE x DESIGN: Parc District Urban Adaptation + Strategic Resiliency Plan

How can cities promote resiliency while also planning for future growth? How will communities promote social equity while expanding on infrastructure that is responsive to changes of the means of life?

This thesis seeks to explore the realm of resiliency as it pertains to a region of South Florida, susceptible to coastal & climatic events. "Resilience represents both the capacity to respond to a shock and the performance of the region once a shock has occurred -- A region's capacity to be resilient after a disruption depends on the extent to which it has the resources, skills, infrastructure, processes, attitudes, and other factors necessary to anticipate, mitigate, and cope with any potential crisis." By pro-actively cross-breeding public infrastructure + parks & open space + community engagement + social equity, we look to introduce a new urban typology into a district to promote ecological and social equity, all whilst injecting a sense of community and promoting resiliency, to combat the effects of SLR + Climate change region through an increase in densities.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### CLAUDIA AGUADO

From Maracaibo, Venezuela

Bachelor of Architecture,  
Universidad Rafael Urdaneta, Venezuela

Thesis Advisor:  
Jean-Francois Lejeune, Professor

### Lake Habitat Formation

This thesis re-imagines the mid-20th century social experiment of the trailer park within the fast-evolving context of the 21st century metropolis. The project site is one of the last parks still inhabited in Dade County and is

located in the underprivileged neighborhood of Pinewood. It analyzes the specific characteristics of public and private spaces within the existing trailer park and reinterprets them in light of future ecological threats such as sea-level rise and gentrification. The result is an experimental neighborhood whose innovative morphological and typological configurations and combinations address social, economic and ecological resiliency with densification, functional diversification, and dynamic community framework. Moreover, the thesis plugs into a larger ecological vision for the polluted Little River Canal, the Twin Lakes, and the adjacent neighborhoods, by further elaborating urban and landscaping strategies of future negotiation between nature, water, and public space.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### NIKA MIRRAFIE

From Salt Lake City, Utah, USA

Bachelor of Science in Urban Planning,  
University of Utah, USA

Thesis Advisor:  
Jean-Francois Lejeune, Professor

### Well-Care

Historically, healthcare design was articulated as the core of the community. It was a place for healing, hope, and pride. The design was associated with natural ventilation and light, and in relationship with city and nature. The hospital was often “designed as a city,” from the Monastery in St. Gallen and the Filarete’s Ospedale Maggiore in Milan to the Hospital

Lariboisière in Paris and Le Corbusier’s project for Venice. How can such precedents from the past as well as the new ecological challenges from the present and the future allow us to create sustainable “well-care” environments instead of the artificially controlled and isolated facilities of today?

This thesis addresses social and ecological resiliency as part of an urban system. The project is located in an underprivileged neighborhood of North Miami and plugs into a larger ecological vision for the polluted Little River Canal and its adjacent neighborhoods in light of climate change. It involves the design of a new prototype of health care structure that integrates clinical, prevention and research, with social programs such as education, sport, wellness, and rehabilitation. Simultaneously, it manages rain harvesting, wetlands treatment, and water recycling to adapt to and promote for proper coastal resiliency.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### CARLOS NOEL MORALES-MANGUAL

From San Juan, Puerto Rico

Bachelor of Science in Civil Engineering at the University of Puerto Rico, Puerto Rico

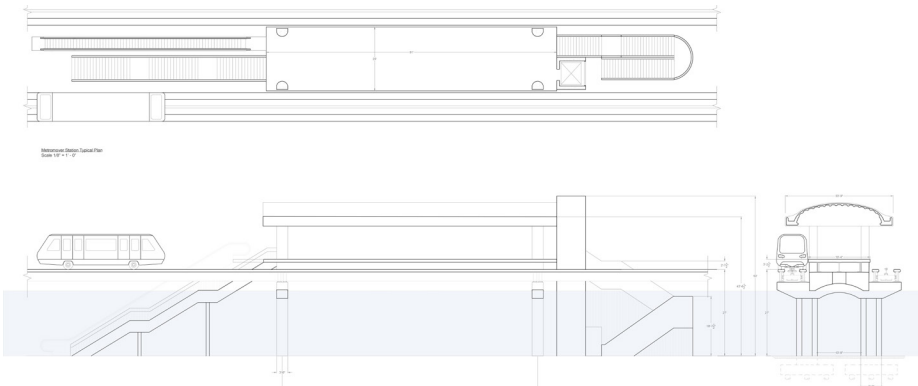
Thesis Advisor:  
Joachim Perez, Lecturer

#### Miami Above Water

What happens when the effort to stop sea level rise fails? Are coastal cities prepared to deal with the consequences? Historically, humans have always settled near bodies of water. If it is true we cannot live without water, why not embrace it? The City of Miami is composed of a variety of layers: streets, pedestrian zones, highways, bridges, sky lobbies, parking decks,

and so on... However, all these layers will be affected and city functions will be disrupted, if the water rises by 20 feet. This might seem like a high number, but it would only take a 1.5 °C increase in temperatures for such a catastrophe to take place.

The Miami Metromover could be a case study for the reinterpretation of the uses provided by the existing infrastructure. Currently, the people mover system consists of 21 stations that connect three urban areas (Arts & Entertainment District, Central Business District and Brickell) that make up Downtown Miami. The entire system, including the tracks, is situated outside of the danger zone, creating the opportunity for each station to be programmed for a new contextual relationship with its surroundings. The tracks will be adapted to serve as a pedestrian path above the water and will provide a new way to connect within the city.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 9:00AM - 12:30PM

### YIQING WANG

From Suzhou, China

Bachelor of National Academy of Fine Arts, Kiev, Ukraine

Thesis Advisor:  
Zhao Pei Visiting, Professor

#### HEALTHY METRO LIFE

##### The new Civic Center Metro Station

HML New Civic Center Station is a metro station with various services and 11 single and small houses ascending in a horizontal way. The Station marks the center of a healthy industrial community, with plenty of hospitals and schools around.

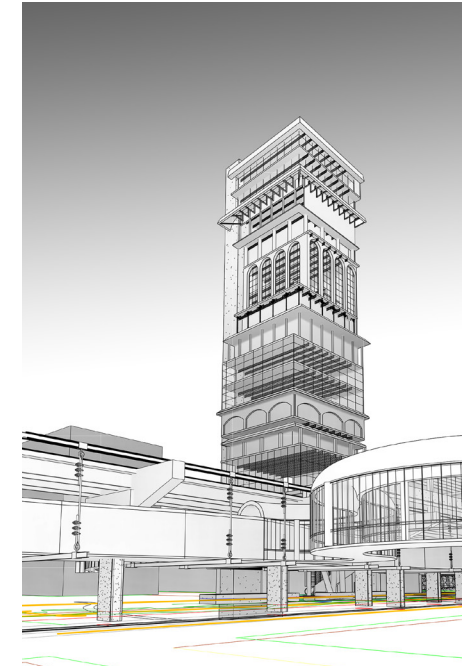
In the current state, the infrastructures cannot meet the community's demands. The HML is designed to serve the staff of hospitals, the patients and students with comprehensive services such as dining, shopping, relaxation and entertainment.

The proposal is a product of, and reaction to various local architectural cultures. While most of the shopping malls in Miami are constructed as spreading in the horizontal direction, the elements of the HML Center, due to the limited space of the site, will be arranged in a vertical logic.

Meanwhile, verticality and horizontality are interacting, through a pedestrian overpass under the railway of the metro station that consists of a few rotated boxes in horizontal

direction. This overpass will connect to 14 different passageways, out of which 6 will connect to hospitals, institutions and parking lots in the metro station's surroundings. This feature will provide climate protection.

In this way, the movement of the structure in the vertical direction and the horizontal movement of transportation will enter a harmonious play of opposites.



## FAENA BAZAAR, GRAY ROOM

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

### ANTHONY GARDEN

From Dallas, Texas, USA

Bachelor in Interior Design,  
The Art Institute of Dallas

Thesis Advisor:  
Carie A. Penabad, Assoc. Professor

### Bay-Link

During my past three years living in Miami my observation has been that South Beach contains three particular conditions in which the coast line is handled. The Eastern coast of South Beach is composed of a 2.5 mile stretch of beach flanked with a board walk, providing an integrated network of pedestrian infrastructure, anchored at Lumus

Park and stretching to South Point Pier. The Southwestern coast line is composed of a 1.6 mile stretch of Bay walk providing a unique pedestrian link for residents located in high-density towers, as well as providing a unique regional destination through South Point Park. The Northwestern coast line is composed of a 1.1 mile stretch of high-density Luxury Towers and Designer Hotels offering resort style amenities and stunning waterfront access. The weakness of this latter condition is that the waterfront is not accessible to the public, creating a significant divide in a very critical pedestrian link spanning from MacArthur Causeway to Lincoln Road.

My vision for Bay-Link is to provide a unique series of interventions that restore this connection while integrating and enhancing the city's public space and attracting the public to the glistening bay.



## FAENA BAZAAR, GRAY ROOM

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

### YI-WEI CHIOU

From Taipei, Taiwan

Master of Science from National Chung-Hsing University, Taichung, Taiwan

Thesis Advisor:  
Jacob L Brillhart, Asst. Professor

### Rising Seas / Constant Construction

With sea level rise upon us, South Florida is in a very vulnerable position. Miami Beach is home to over 800 art deco structures and many of them rest just 4' - 8' feet above sea level. Thanks to preservationist, Barbara Capitman, these buildings are protected by the Miami Beach Preservation Laws and are currently on the National Register of Historic Places. Over the past 25 years, the preservation of these structures has led to an

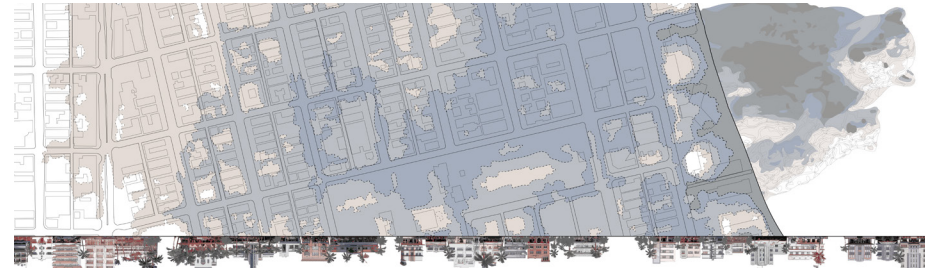
incredibly lucrative tourism industry that is a significant contributor to Miami's economy. The question this thesis investigates is: How can Historic Preservation and flood infrastructure adapt to climate change? This project seeks the answer to this question through two portals.

1. Protection of the Historic Buildings and the District

a) Keep it Dry: Bring nature back by redesigning the water's edge to mitigate storm surge and high tide, while also decreasing coastal erosion.

b) Infrastructure as Design: Design a seawall that integrates nature and the artificial that becomes a buffer between nature and the urban condition, enhancing drainage while providing new commercial and public space.

2. Preservation: Develop strategies that would preserve and protect the existing buildings such as - Raising up the Structures, Façade Preservation and Building renovations that include new program and extension.



**FAENA BAZAAR, GRAY ROOM**

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

**JIAYI LI**

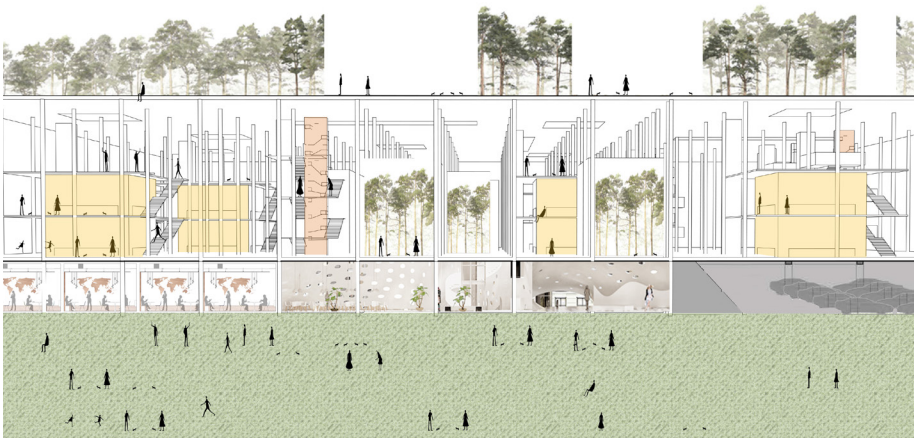
From Beijing, China

Bachelor Program of Architecture,  
Shanghai University, China

Thesis Advisor:  
Carie A. Penabad, Assoc. Professor

**Petland**

The project sets out to define a new architectural typology for the pet shelter that will reimagine the ways that humans and animals interact. The new project will serve as a critique of the physical conditions of current pet shelters including: urban isolation, lack of proper air and light, lack of public open green space for animals to run and play, and lack of overall identity for the building within the fabric of the city. The investigation searches to provide an alternative urban model for the shelter that redefines the animal's habitat while interweaving a new sequence of open spaces that will be accessible to both users and visitors alike.

**FAENA BAZAAR, GRAY ROOM**

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

**ZENGJUNYUN QIAO**

From Wuhan, Hubei, China

Bachelor in Architecture, Hubei University of  
Technology, Wuhan City, China

Thesis Advisor:  
Rodolphe el-Khoury, Dean

**Floating City**

In the 21st Century, humans found a new way to create land other than through traditional land reclamation which was expensive and time-consuming: floating land. It has the advantage of being less expensive, more efficient and more flexible. In 2020, the floating city project was carried out in Miami's Biscayne Bay. Huge square-

shaped floating units combined together to generate a floating island. In 2050, the city began expanding. Each unit has its own heavy factory, generating other units. With smart device development, people in the city can get information about everything from everywhere at any time. In 2100, when the sea level rose by 6 feet, and most of the South Florida Peninsula was submerged by water. When the city had less connections to the mainland, it became fully isolated by water. By now, the floating city had become self-sufficient. In 2150, the distribution of the population was even across the city. City service areas (department stores, government offices, hospitals, police departments etc.) were laid out evenly across the city. The spread of those areas formed in a hexagonal shape. In 2200, the floating city had become the largest continent in the world.





## FAENA BAZAAR, GRAY ROOM

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

### SHEENA RAMNARINE

From Trinidad and Tobago

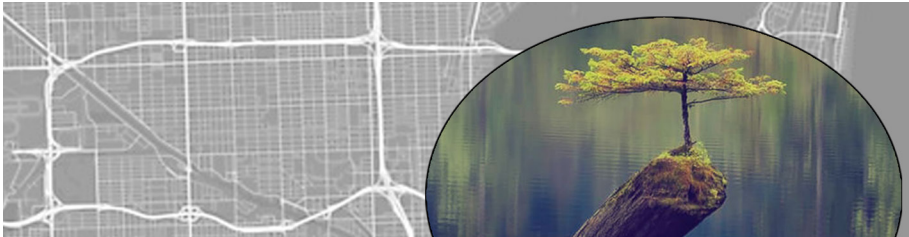
Bachelor of Fine Arts (Interior Design),  
Miami International University of Art &  
Design, USA

Thesis Advisor:  
Eric Firley, Asst. Professor

#### How will the relationship to our homes change as the landscape changes around it?

Climate change resulting in Sea level rise has become an obvious concern worldwide. Over the last 20 years, warming waters and the melting ice sheets, ice caps and glaciers have been the two most significant factors contributing to sea level rise. It is estimated that by the year 2060, sea levels along Florida's coastline could rise another 9 inches to 2 feet. In this thesis, I propose the

concept of 'Resilient Living'. It is the notion of creating a sustainable ground plane to endure a new structure of urban living. It is a resilient concept which will supersede the inevitable outcome. The idea is to create a point of difference, maintaining an expression, but - more importantly - resolving a problem as time evolves. The Venetian Islands in Miami, Florida are a suitable location for this vision. The initial project was proposed to be much larger than what exists today. While these islands were never constructed, the foundation pilings for some still exist. This creates a unique opportunity to breathe new life into a dormant project. This innovative approach will assist the existing urban landscape to emerge, and adapt to its future surroundings. A simple palette of green materials, minimal detail, combined with atriums would create an impression of quality, longevity, and functionality. The resilient structure is a solution inspired to rejuvenate the urban fabric.



## FAENA BAZAAR, GRAY ROOM

\ 5.2.17, SESSION B, 9:00AM - 12:30PM

### SHIHUI WANG

From Beijing, China

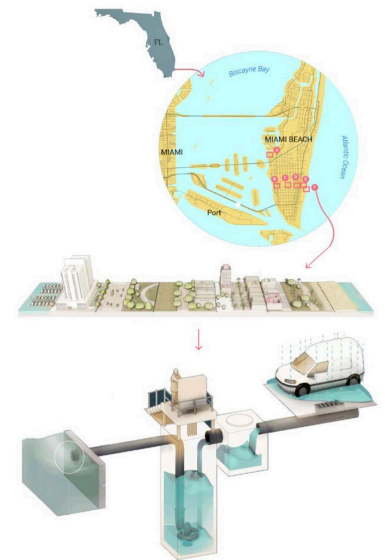
Bachelor in Architecture,  
Tongji University, China

Thesis Advisor:  
Germane Barnes, Lecturer

#### SOCIAL RESILIENCE Infrastructure as Park

Urban infrastructure plays a significant role in the development of cities. Strong public infrastructures create resilient communities and the foundations for growth in both the physical environment and human sociability. Viable social infrastructures encourage people to form connections in their neighborhoods and extended communities. Urban planning and landscape design are two different languages. How could a park be designed to serve as an infrastructure? Various technical infrastructures provide the basic physical requirements for serving or running a park, such as water treatment tanks, pump stations, sewage stations, electrical station etc. How can these invisible facilities afford technical support in our daily life, or even provide solutions during periods of emergency? In my view, infrastructure can be the intermediary to build a synergistic system and

visualize the utilities corporation process inside the park. The park itself can be regarded as a platform to build objects under multiple approaches and methodologies. Resilience is the response to how the infrastructural components cooperate together as synergistic system to serve Flamingo Park and intensify social networks. Technically, it provides water resources to support daily life and technical solution during a disaster. There is also a people-moving and people-watching platform to enhance human interaction.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, 9:00AM - 12:30PM

### STUDIO NAME

RED 660: Urban Infill, Preservation and Mixed-Use Redevelopment

### INSTRUCTORS

Charles Bohl, Stephen Nostrand, Jack Winston

in partnership with the UM Law School's Robert Traurig \ Greenberg Traurig LLM Program in Real Property Development

### STUDIO DESCRIPTION

Each spring semester interdisciplinary teams of students from the School of Architecture's Masters in Real Estate Development + Urbanism (MRED+U) Program collaborate with students in the Law School's LLM Program in Real Property Development on a variety of real estate development projects. RED 660 included students enrolled in the MRED+U, MBA, MUD and the joint B.Arch-MBA programs. This semester also included collaborations with Professor Victoria and Cure's Puerto Colombia Studio and Professor Behar's NYC High-Rise Studio.

The Link at Douglas Station: Students in this team explored potential target markets for the residential components,

retail tenant strategies and elements of successful transit-oriented development projects for this large scale TOD approved at the Metrorail's Douglas Station.

The Link at Douglas Road would include a 150-room hotel in 109,230 square feet, 970 residential rental units in 966,525 square feet and 75,994 square feet of retail. There would be about 1,700 parking spaces. The developer must reserve 12.5 percent of the residential units as workforce housing.

"Transit-oriented development is the wave of the future and Miami-Dade County has proven itself to be a pioneer in helping to redefine the way we think about - and experience - urban living," said Arnaud Karsenti, managing principal of 13th Floor Investments. "By building around, and investing in, our mass transit, we can reduce congestion on our roadways and connect neighborhoods in our community for greater quality of life."

*"County approves \$464M mixed-use project near transit station," South Florida Business Journal, 7/16/16 (<http://www.bizjournals.com/southflorida/news/2016/07/19/county-approves-464m-mixed-use-project-near.html>)*

The Marketplace at Goombay Plaza: Students in this team worked on a



### STUDENTS

Elena Bondarenko  
 Anthony Soto  
 Abdulaziz Binmoammar  
 Ariel Fraynd  
 Michael Mincheff  
 Xiang Li  
 Irma Qureshi  
 David Baillargeon  
 Yonatan Bender  
 Stuart Kennedy  
 Michael Meloni  
 Gregory Glofak  
 Cullen Mahoney  
 Efsthathios Mavrokordatos  
 Cosntantino  
 Michael Yanopoulos  
 Danay Morales  
 Colin Trabold  
 Kang Shen, Matias  
 Delpiano Ruiz Tagle  
 Aky Fernandez  
 Jason Gonzalez  
 Guido Chiappa  
 Julian Scheeff  
 Christian Baron  
 Zachary Baron  
 Paul Ketchum  
 Joselyn Ojeda

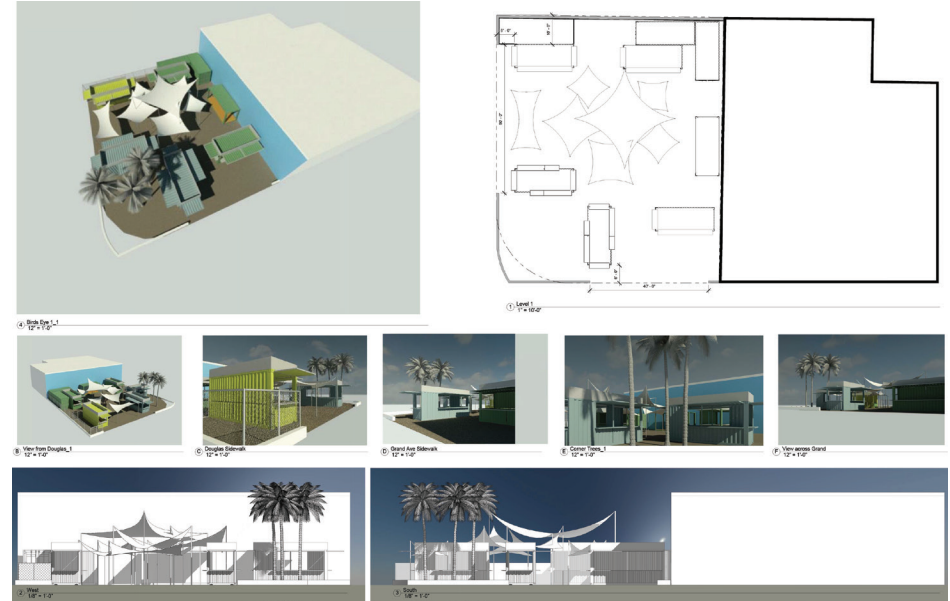


sustainable business plan, programming and tenant leasing strategies for a pop-up market that will feature prepared foods located in historic Coconut Grove. The project is funded by The Third Place Project grant from the Knight Foundation (Dr. Charles C. Bohl, PI), with support from the School of Architecture, the School of Business Administration, the City of Miami and Miami-Dade County and will launch in the summer of 2017.

“The Third Place Project was launched to unleash the power of placemaking to create great gathering places that can act

as a catalyst for community building and economic exchange. Through lighter, quicker and cheaper interventions the project activates vacant space in underserved neighborhoods by providing inexpensive incubator space and a venue for community events, arts and culture, and everyday socializing.” – Dr. Charles. C. Bohl

“This market is our best opportunity to reintroduce commerce in Coconut Grove with local entrepreneurs. A great first step for the community and the future of the Grand Avenue corridor of the Grove,” Commissioner Xavier L. Suarez of District 7.”



Credits:

*The Link and the Magic City Innovation District  
(Architecture Firm)*

*The Innovation District  
(Developer)*

*The Grove Market  
(Armando Montero, Knight Foundation)*

**U-SoA, BLDG. 35, RM. 360**

\ 5.2.17, 12:00 - 3:00PM

**STUDIO NAME**

*Upper Level Architecture Design*

**DIGITAL HEALTHCARE STUDIO**

Design and Fabrication of one-to-one scale IoT Healthcare Furniture for exam rooms

**INSTRUCTORS**

Deborah Franqui, Juhong Park

**STUDIO DESCRIPTION**

This digital healthcare studio introduces to computational design thinking and digital fabrication in the context of healthcare architecture.

Students will practice how to think like architects / designers with computational thinking such as modularization, abstraction, algorithms and encapsulation.

Throughout this course, students will learn how to integrate their own design thinking, such as “problem setting” or “problem reframing”, with the evidence-based design process. Weekly modeling and presentation exercises will enhance learners’ own “figuring-out” process. The purpose of this exercise is training students how to transform their design ideas into a practical solution in real-world environments.

This studio, accordingly, will provide a foundation of architectural way of using computational thinking and digital fabrication, and work as a prelude to a contemporary practice in health-care architecture.

**STUDENTS**

Fadak Dashti

Avleigh Du

Ashley Galvankar

Donnie Garcia-Navarro

Victor Kalil

Jessica Masangu

Andrew Schneider

Samantha Schneider

Justin Tehrani

Yuanxun Xia

## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### SOPHIA CAIN

From Jacksonville, FL, USA

Bachelor of Design in Architecture,  
University of Florida, USA

Thesis Advisor:  
Germane Barnes, Lecturer

#### The Overpass

The Overpass is a prototype for bridging health disparities by addressing the architectural voids contributing to them. The built environment is closely tied to the lives we live, so the quality of its design can have either healthful or harmful impacts on quality of life. The introduction of two major Interstates deeply-wounded the historic neighborhood of Overtown in the 1960s, leaving an architectural void that

contributed to general poverty and the health disparities associated with it. The Overpass adds architectural resources to the neighborhood that can help address issues of poor nutrition, non-walkability, and a lack of education and preventive healthcare, which all tie poverty to poor health outcomes. This intervention takes place within the center of the Intersection, reclaiming the space for a Preventive Clinic inserted within a locally-sourced Grocery. These programs are accompanied by screening and diagnostic services, a legal clinic, convention space, training and education rooms, exercise, and agricultural gardens spreading along repurposed highway strips. Half of the active highway will remain functional, with a toll function imposed. The design also proposes a general master plan of how the rest of the space around the Interstates may be utilized to revitalize Overtown, taking the historic city grid as a precedent for its configuration.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### BRENDAN FAGAN

From Saint Petersburg, FL, USA

Bachelor of Design in Architecture,  
University of Florida Gainesville, USA

Thesis Advisor:  
Joachim Perez, Lecturer

#### Mimetic Miami

Tourists envision Miami as a paradise of soft sandy beaches, swaying palm trees and tropical drinks served in cabanas year-round. However, there is more to this city than the vintage postcards would have you believe.

Locals and immigrants unable to afford the luxury of South Beach have set up enclaves around the city where their respective cultures and traditions have blossomed. Design interventions serving as local attractions will lure people to discover new areas. Exploring the attractions as a series illuminates the wide variety of experiences that Miami has to offer.

My thesis combines novelty architecture and tourism to represent the unreachable, unpopular or unknown areas of Miami. Novelty, or mimetic, architecture is a time-tested method of drawing visitors to new

areas. Unusual or eccentric forms advertise and create a definitive landmark for an area.

Each construct will feature an abstraction of regional architecture to highlight the community's identity amidst the addition of new programmatic elements. Since each community is unique in scale, aesthetic and function, the constructs will be, as well. The attractions will highlight, exploit, criticize and at times romanticize the characteristics of each neighborhood.

These mimetic designs will entice visitors to investigate the neglected sectors of Miami and their serial nature will enhance connectivity throughout the city.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### ANDREW RICHLER

From Toronto, Canada

Bachelor of Architectural Studies,  
Carleton University Ottawa, Canada

Thesis Advisor:  
James Brazil, Visiting Professor

#### A Self-Sufficient Responsive Architecture

Architecture has mostly been a stagnant concept - one where a building is designed in a certain way for a specific use and lives out that life until it is either torn down or sometimes adaptively reused. What if we designed spaces and structures intended to adapt and redefine their use from the planning stage? We live in a time where

technology and artificial intelligence (AI) are advancing at a staggering pace and will soon have the ability to shape architecture and change it based on highly-relevant information. Set sometime in the near future, the thesis explores a new design paradigm where AI and automation seamlessly become a natural addition to our built environments. It creates a prototype for a new architectural typology that utilizes artificially intelligent and mechanical technology linked with sensors, to actively respond to environmental factors. The technology is applied in real-time to a network of towers in order to improve energy efficiency and lifestyle. By addressing inevitable circumstances like pollution, population growth, and clean energy sources, the thesis design aims to improve standards on an environmental, but also societal level.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### MICHAEL RIEBESELL

From Naples, FL, USA

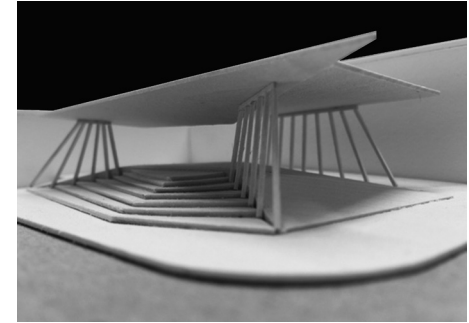
Bachelor in Architecture,  
University of Florida, USA

Thesis Advisor:  
Germane Barnes, Lecturer

#### FACILITATING SOCIAL INTERACTION

##### Urban Interventions for Live Performance

Today, more than ever, there is a need to reestablish public spaces as main entities of urban life. Evolution of technology and the internet has allowed us to isolate ourselves from the environment in which we are situated by simply zoning into the computers that each one of us carries around in our pockets. As well, in many cases, public space is not conditioned to facilitate interaction between individuals, but rather designed to get you to your destination as quick as possible. Public space needs to be activated. By opening up commercial corridors with a hybrid typology of parklet and amphitheater, public space can be activated with an energy that attracts people to be around others. The project is a study of urban interventions for live performance and how these instillations can reestablish energy and interaction at the pedestrian scale.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### JIE SU

From Jiang Su, China

Bachelor of Interior Design School,  
University Jiang Su, China

Thesis Advisor:  
Jean-Francois Lejeune, Professor

### Miami Vice

The drug war, trade and industry in Miami belong to the city's on-going collective memory, and have shaped a considerable segment of its history and imaginary. In the Magic City, names, places, buildings, landscapes, machines, and films resonate with the solid record of this phase of history and coincide with its memory.

Can a museum for these indescribable and continuously shifting layers of urban history be a mere structure in a single place? Or rather, could it appear as a series of metaphysical interventions in the city fabric, a series of monuments, some permanent and some ephemeral, which can stockpile the collective memory and tell as honestly as possible the story of production, consumption, enforcement, distribution, and money laundering? To be sure, they must provide clues of how to connect with

these fragment-like evidences, visibly or consciously, and create a symbiosis between tangible marks and dissociative memory.



## FAENA BAZAAR, WHITE ROOM

\ 5.2.17, SESSION A, 2:00 - 5:30PM

### YIN XU

From Jiangsu, China

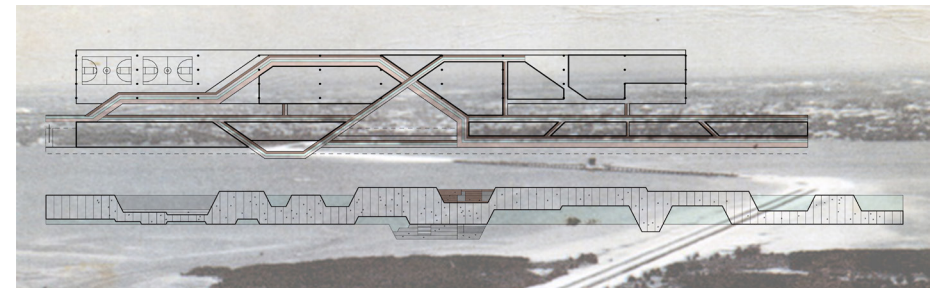
B.A. Degree in Architecture,  
Guangzhou University, Guangdong, China

Thesis Advisor:  
Jacob L. Brillhart, Asst. Professor

### Interchange - Beyond Mobility Athletic center on Rickenbacker Causeway Bridge

With the rapid development of modern society, the rhythm of life unceasingly speeds up. Technology brings both efficiencies, but is also a distraction. Studies show that since the widespread use of the personal computers, smart phones, and video games, there has been a lack of physical exercise

and healthy lifestyles have decreased — making many people more stressed out. Harvard Health Publications shows that today, roughly two out of three U.S. adults are overweight or obese (69 percent) and one out of three is obese (36 percent). In an effort to resolve this issue through architecture, this thesis attempts to build a more resilience city through improving the public health of its inhabitants — thus designing an athletic center that is directly linked to the Miami's fifteen mile water promenade. This link allows uninterrupted access to all those living along the water by encouraging walking, bike riding and enjoying the outdoors. Furthermore given limited open land along shorelines of coastal cities throughout the world, this project in Miami proposes not to create new land (such as the Venetian Island and the Miami Port), but to take a more surgical approach and build off of existing infrastructure.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### SLOAN ELSESSER

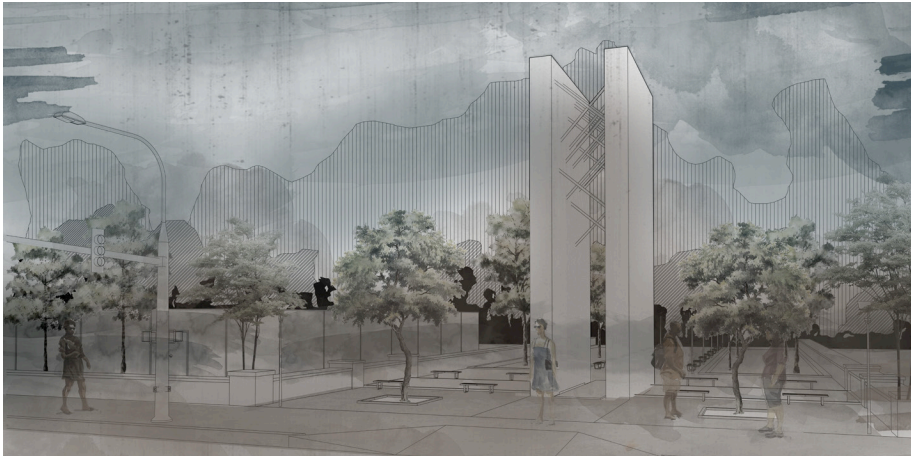
From New Milford, Connecticut, USA

Bachelor of Science,  
Roger Williams University,  
Bristol Rhode Island, USA

Thesis Advisor:  
Eric Firley, Asst. Professor

### The Park and the City

The line between the park and the city is usually a line littered with hard scape. The park deserves identity within the city by way of locating oneself within the park. A parkway intervention is primarily an infrastructure project. It deals with three different modes of transportation, vehicular, pedestrian/bicycle, and train. This project will explore the transition of a city from being a car-based city to the nature of the outskirts of the city. This project looks at the ability of a complex park to deal with many interventions. Much of the park now, is divided and taking away from the full potential of the park.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### NORA GHARIB

From New York, NY, USA

Bachelors of Interior Design,  
New Jersey Institute of Technology

Thesis Advisor:  
Jacob L. Brillhart, Asst. Professor

### Connections | Social Oscillation

Challenging the archetypal relationship between resilience and architecture, this thesis proposes a resiliency center as a multi-programmatic cultural icon and safe haven to stimulate social vitality in post-Sandy New York.

The thesis focuses on social resilience, acting as a node of entertainment, social interaction and culture in the city, harboring social communication and exchange through building programs, public mixing chambers, and urban connections.

Whether rallies with thousands of people, performances for hundreds, or smaller gatherings in collaborative offices, galleries, or private reading spaces, the building allows for social interaction at every scale, as a place to seek safety and social relief. The project is shaped as a reaction to the

program, allowing it to perform in a multi-scalar way, creating opportunities for social interactions and exchange in-between main programmatic spaces.

Program is defined in two axes, vertically and horizontally, creating alternating pockets of mixing chambers and distinguishing the interior connection. Three urban conditions are established within the building and site: the public plaza, public park, and underground transit. The plaza, as an open space for gathering, continues upwards as a public park into the building. It also pours down into the entry for the public transit, connecting the project beyond the immediate site, to all of NYC.





## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### MENGRU JING

From Beijing, China

Bachelor of Architecture, Shenyang  
Urban Construction University Shenyang,  
Liaoning, China

Thesis Advisor:  
Joachim Perez, Lecturer

#### **Opportunity: Both emergency shelter and the celebration of water**

The concept of the project is inspired by Noah's Ark. Noah's Ark is a refuge which can protect people from disasters or difficulties, practically and spiritually. This is exactly the shelter which I want to design. It's a structure with mixed functions, refuge and worship. It

provides not only protection, but also warmth and light. After a disaster, people need a place to pray to God and to be comforted in their hearts and religious beliefs.

After Superstorm Sandy happened in 2012 in NYC, most parts of NYC were damaged. So I decided to build the structure in NYC. It is simple and small enough to fit anywhere in NYC. The structures are all triangular-shaped and have windows with canopies on the roof to keep out rainfall and snow, and at the same time provide radiant light. On the other hand, spirituality also plays an important role in the project. When the structure needs to face natural elements, it uses the tectonics of a basic curved form to shed and repel water. After disasters, the structure's shape can disperse the wind around the building and reduce the damage of the wind's power.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### XIAODI LIU

From Guiyang, China

Bachelor of Urban Planning,  
Guizhou University, China

Master of Urban Planning, Chang'an  
University, China

Thesis Advisor:  
Carie A. Penabad, Assoc. Professor

### Algiers Center

In 2005, Hurricane Katrina devastated most parts of New Orleans. To date, many neighborhoods are struggling to rebuild and continue to search for ways to revitalize the physical and social infrastructure that characterized the city.

Algiers Point, located along the West bank of the Mississippi river, is the second oldest neighborhood in New Orleans. Due to its geographic position and proximity to the French Quarter, Algiers Point is experiencing new developmental pressures. As the neighborhood transforms, the project seeks to create a multifunctional community center that will both serve the needs of the local community, while creating a recognizable icon for Algiers Point.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### CONOR STUHRCKE

From New Milford, Connecticut, USA

Bachelors of Science in Architecture,  
Roger Williams University, USA

Thesis Advisor:  
Eric Firley, Asst. Professor

#### New York City and the inevitability of design innovation and adaptation

New York City's relationship to its surrounding water is an important one. We need to observe how this relationship could become stronger, both in terms of its resistance to sea level rise, and also in the way we can use it. The source of my exploration

came from the idea of using existing infrastructures to reinforce this idea. This is how the mostly abandoned Piers and Dock system came to my attention. The goal of this investigation is to better connect the city to the water. As a result of a fading need for the shipping industry, the great docks of the shipping industry gave way to the vehicle and the highway system. The creation of these highways has greatly divided the city from the water. My thesis project is an attempt to create a new way of envisioning living in the city. It is located on the piles of the former pier 49, and focuses on creating a new living environment for both residential and commercial 'nomadic' pods within a structural grid. The overall concepts and applications are derived from its surroundings and use the docks as a precedent for an innovative typological design shift.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### BOYA ZHANG

From Hebei, China

Bachelor of Architecture Design,  
University of Liverpool, UK

Thesis Advisor:  
Zhao Pei, Visiting Professor

#### Water as a Living Space

The main objective of my thesis is to treat the water as a "living" space that can create productive space for new social, recreational and educational formations.

New Orleans is a city of water and constantly under the threat of flooding from rainfall and hurricanes. Most of it is situated below sea level. As a protective measure, the city has spent vast amounts of money on defensive infrastructural systems. However, most of these existing infrastructures are separated from the urban space and do not provide an asset for the built environment.

I believe that they have the potential to be beautiful and useful.

The design solutions focus on three different types of sites that have been selected within a city park. By considering

the particular context of each site, the projects will redefine the waterfront and establish a relation between neighborhoods and the water.

Each site will establish a particular urban design framework to improve community resiliency. In addition, TIME will be an essential parameter throughout the whole project, and seasonal flooding events are regarded as dry and wet periods.

The ultimate goal is to allow water to be an asset to the city by making space for it, and making it visible across the urban landscape.



## FAENA BAZAAR, RED ROOM

\ 5.2.17, SESSION B, 2:00 - 5:30PM

### YIHAN ZHAO

From Beijing, China

Bachelor in Architecture,  
Harbin Institute of Technology,  
Harbin, China

Thesis Advisor:  
Zhao Pei, Visiting Professor

### NOLA Waterfront Recombination Project

“Resilience” can be explained as a type of flexibility that represents “a set of suitable solutions to a problem”. It can be reflected in many ways in the field of architecture. This specific research project focuses on cultural resilience in the city of New Orleans - a place full of history, culture, pride, and soul.

For me, the key words of NOLA are: water, festival, music, history and relaxation. Festivals are extremely important in New Orleans, but - like many other festival cities - all the local hotels are facing the same problem: a threefold price difference between regular and popular days, and the run-out of supplies for people who require a place to stay.

The site of the NOLA Waterfront Recombination Project has been selected at the banks of the Mississippi River at the junction of Butterfly Park and West Riverside Port, an area that is currently underutilized. My design not only activates the green resources of the Mississippi River waterfront, but also becomes a showcase of resiliency research. Through the modularization of new projects, the units' reorganization and structural variability, the project addresses resilience as a response to the cyclical change of time periods.



## FAENA BAZAAR, GRAY ROOM

\ 5.2.17, 2:00 - 5:30PM

### STUDIO NAME

*Upper Level Architecture Design*  
Vernacularology Studio: Puerto Colombia

### INSTRUCTORS

Adib Cure, Teofilo Victoria

Parallel Studio: Tsinghua University,  
School of Architecture, China

Studio Sponsor: Fundacion Tecnoglass

### STUDIO DESCRIPTION

The project will cope with the pressing problems facing many coastal cities in the Caribbean, Puerto Colombia being no exception- the abandonment, degradation and underdevelopment of the waterfront. The studio will investigate the design of a new waterfront development stretching from the historic city center of the city of Puerto Colombia to the Ciénaga of Mallorquin. Students will be asked to engage pertinent issues facing the future of contemporary waterfront cities, including rising seas, sustainable infrastructure and new housing typologies. The studio's efforts will be coordinated with the ongoing planning process and the participation of the local municipal planning department. At the onset of the semester, students and faculty will

travel to Colombia to study the historic town of Puerto Colombia, to learn from its existing landscape, and see firsthand how it works. Our starting point will be an uncompromising acceptance of the reality and logic of this urban settlement. We will behave as urban detectives and 'look nonjudgmentally at this environment' by analyzing, mapping and documenting its existing conditions. However, the primary objective of the semester will be the design of sustainable urban and architectural proposals, based on the lessons learned from the initial research. At the same time, we will also position our work within the framework of local cultural history, aesthetic tradition, and popular culture, arriving at suggested solutions that derive organically, in a sustainable fashion, from the immediate social, topographic, and cultural environment. The urban historical geography of the town of Puerto Colombia bears the imprint of a settlement originally inhabited by native Indians from the 'Mocana' tribe, later settled by peoples from the nearby towns of Tubara and San Antonio de Salgar, and modernized by construction of its pier in 1853. From the end of the nineteenth century until the first half of the twentieth century, it functioned as the main port of the city of Barranquilla, to which it was connected by means of a railroad. It was not until 1893, following the construction of its pier by the Cuban engineer Francisco Javier Cisneros, that the settlement was given the name of 'Puerto Colombia'.



### STUDENTS

Claudia Ansorena  
Taylor Brophy  
Rogelio Cadena  
Gerardo Delgadillo  
Nicolas Delgado  
Alcega  
Daniel Jones  
Tyler Many  
Stephanie Riofrio  
Lacey Stansell  
Smitha Vasan  
Jingshi Wang

## U-SoA, KORACH GALLERY

\ 5.3.17, 9:00AM - 12:30PM

### STUDIO NAME

*Upper Level Architecture Design*

William H Harrison Studio in Classical and Traditional Architecture

### INSTRUCTORS

Peter Penoyer Architects (Timothy Kelly) with Richard John

### STUDIO DESCRIPTION

This studio will depart from the usual format of a single design problem in order to study both the vocabulary (the orders) and the syntax (composition) of classical architecture through a number of smaller pedagogical exercises and esquisse problems. Students will follow a traditional course of instruction beginning with the principles of architectural composition and the Beaux Arts method of program analysis and parti development as taught by Paul Cret for designing rapidly “en loge”.

The first esquisse project, for a “Three Teacher Village Schoolhouse”, will commence at this stage. The rules outlined by Palladio and others for the proportioning of rooms will be studied.

The vocabulary of classicism will be studied through a conventional “Parallel of the

Orders”. Students will be introduced to the two main traditions of constructing the orders, the geometrical, as exemplified by James Gibbs, and the arithmetic, as illustrated by Vignola, Palladio, Scamozzi, Perrault, Chambers, Halfpenny, Langley, Benjamin, Pain, Ware (“the American Vignola”) and Robert Chitham. The application of the orders will be taught through a urban façade redesign exercise based on Roman Palazzo facades from Letarouilly’s *Edifices de Rome Modernes*.

The final third of the semester will be focused on the culminating design project, an exercise in campus planning using techniques of traditional urbanism and classical principles: A Y.M.C.A. for a Naval base in Manila.



### STUDENTS

Michael Alexander  
Owen Berry  
Daniela Elisabeth Deu  
Kristine Dillon  
Maura Gergerich  
Erin Hickey  
Hitomi Maeno  
Sarah Potter  
Davin Stancil  
Jessica Stefanick

*Watercolor Rendering  
by Daniela Deu*

## CRITICS + GUESTS

### ANTHONY J. ABBATE, AIA, LEED AP

Anthony Abbate, AIA, NCARB, is a Professor at the School of Architecture and Associate Provost for the Broward Campuses at FAU. He has served as director of the Broward Community Design Collaborative, chair of the City of Fort Lauderdale's Beach Redevelopment Advisory --- Board, Sustainability Advisory Board and Board of Adjustment, Vice-Chair for State of Florida Department of Education Building Construction Advisory Committee, and past-president of AIA Fort Lauderdale. In addition he is a registered architect in Florida and New York, and has received over 20 awards for design excellence from the AIA.

### ABRAHAM ALUICIO

Abraham Aluicio is a Miami based designer whose work explores varying relationships between architecture, urbanism & cities. Previously he was Research Associate in the Department of Architecture at the Harvard Graduate School of Design. He has taught at Wentworth Institute of Technology, the University of Hawaii at Manoa and currently Florida International University. He holds a Master of Architecture in Urban Design from Harvard University and a Bachelor of Architecture from the University of Miami.

### JASON CHANDLER

Jason R. Chandler, A.I.A., is an architect and an Associate Professor in the Department of

Architecture at the College of Communication, Architecture + The Arts at FIU. Chandler has taught at FIU since 1998 and is the coordinator of Graduate Design 5 and 6, serving as the department's Associate Chair in 2012-2013. He taught at the University of Miami and at Harvard University's GSD for its Career Discovery Program. Appointed chair of the Department of Architecture at FIU in 2013, and Interim Chair of FIU Landscape Architecture + Environmental and Urban Design in 2015, Chandler holds the Bachelor of Architecture from the College of Architecture, Art and Planning at Cornell and the Master of Architecture from the GSD at Harvard University.

### EDUARDO S. EGEA-FERNANDEZ, CAAPPR, AIA, NCARB

Eduardo S. Egea-Fernandez has directed more than 7 million square feet of health-care facility master planning and design projects throughout the United States, Chile, Puerto Rico, Trinidad & Tobago, Argentina, Chile and Peru that aim at lowering operating costs, enhancing staff development and retention, while improving patient outcomes. Eduardo brings to South Florida a different kind of practice, one that helps clients drive innovation by creating highly productive, sustainable spaces that free people to live, learn and work as they were meant to. Eduardo has been a guest speaker at the International Hospital Federation

## CRITICS + GUESTS

(IHF), AIA-Academy of Architecture for Health, ABDEH - Associação Brasileira para o Desenvolvimento do Edifício Hospitalar in Florianópolis, Brazil, The American Society for Quality on Lean Principles in Healthcare Facility Design, a guest blogger at HealthcareDesign Magazine and a visiting critic at the Clemson University Graduate Program of Architecture + Health.

### ASHLEY FALCON PH.D MPH

*Assistant Professor of Clinic, School of Nursing and Health Studies UM*

Ashley Falcon recently joined the University of Miami's School of Nursing and Health Studies as Assistant Professor of Clinical where she will teach courses for the public health undergraduate program. As background, Dr. Falcon interned with the Centers for Disease Control and Prevention and Hispanic-Serving Health Professions Schools, Inc., studying border health issues on the U.S.-Mexico border, after receiving her Master of Public Health in health education from the University of South Florida. She served as a health education administrator and practitioner at the University of Miami's Herbert Wellness Center for over a decade, and received her doctorate in Epidemiology from the University of Miami's Miller School of Medicine where she focused her research on home-based strength training for post-operative breast cancer survivors.

### THOM FAULDERS

Thom Faulders is founder of FAULDERS STUDIO, a multi-disciplinary practice that pursues design of the built environment as an open condition: a responsive process formed in direct synthesis with dynamic contexts and changing perceptual interactions. A Professor of Architecture at CCA/California College of the Arts in San Francisco, his work is exhibited internationally, including MoMA NY, SFMOMA, Lisbon Biennale, and Frac Centre Orleans, France.

### FERGUSON & SHAMAMIAN ARCHITECTS - D'ANN TOLLETT

Ferguson & Shamamian Architects is recognized for residential design in traditional styles, particularly those with classical origins. The firm's core practice is the design of custom residences, city apartments, suburban homes and country estates. Mark Ferguson and Oscar Shamamian built their firm on shared enthusiasm for traditional architecture and a desire to achieve a creative synthesis of historical style and regional character with every project.

### NICK GELPI

Nick Gelpi, assistant professor College of Communication, Architecture + The Arts at FIU and Design Principal and Founder of GELPI Projects, a design firm in Miami Florida, examining relationships between material representation and building concepts as

## CRITICS + GUESTS

they relate to the built environment. Gelpi's design practice has won numerous design awards; first place for "Table Distortions," a digitally-fabricated table on view at the Wolfsonian Museum in Miami Beach, an ARCHITECT Magazine R&D Award, and a Pamphlet Architecture Honorable Mention for his proposal "System Failure."

### ALBERT GONZALEZ, IC ASSEMBLIES

Albert is an advanced technologist with expertise in design for manufacturing, general innovation and visioning, with twenty years' experience in all manufacturing techniques and forms of materials including: Ferrous and Non-Ferrous Metals, Plastics, Elastomers, and Ceramics. He currently serves as the vice president of sales and marketing and co-owner of Industrial Components, a manufacturing representative firm concentrating in medical, architecture/B&C, aerospace, military, telecommunications, consumer electronics, automotive, energy & automation, power transmission & distribution, and most OEM markets.

### LAURA GREENBERG

Laura Greenberg is an architectural designer with Robert A.M. Stern Architects, LLP in New York City where she has focused on multi-family residential and planning projects. Her recent work includes a residential tower in Tribeca; a 5-acre residential master plan in San Francisco; and a 15-sto-

ry apartment building on the Upper East Side of Manhattan. She is a member of the Pittsburgh History and Landmarks Foundation, an ACE (Architecture Construction Engineering) mentor for New York City high school students, and an active alumna of the University of Miami School of Architecture.

### ED HENGTEEN

*Assistant Vice President, Facilities, Design and Construction at University of Miami*

Ed has spent the past twenty-five years designing creative solutions for his healthcare clients. He has been involved with over a 1,500 healthcare projects in South Florida and extensively involved in all aspects of healthcare design. He managed an Architectural Office for Over 15 Years and now manages a large Design and Construction Department for University of Miami Health System. His experience, leadership, design and planning abilities has allowed to further the university's goals with facility expansion projects, quality care initiatives, design standardization and staff/patient safe design. He is a licensed Architect in the State of Florida, Member American Institute of Architects, LEED Accredited by USGBC and have obtained my Evidence-Based Design Accreditation and Certification.

### JEFFREY HUBER, AIA, NCARB, LEED AP

Assistant Professor in the School of Architecture at FAU where he teaches upper-di-

## CRITICS + GUESTS

vision architecture and urban design studios, as well as Urban Design History and Theory. Huber is a principal in the internationally-recognized firm of Brooks + Scarpa and manages their South Florida office. His professional work focuses on interdisciplinary public work projects that combine ecological, landscape, urban, and architectural design. In addition, he is currently developing design adaptation responses to sea level rise in South Florida.

### JESSE M. KEENAN, PH.D., J.D., LL.M.

Member of the faculty of the Graduate School of Design at Harvard University. Keenan's research in the built environment has partnered with a variety of global actors, including the AIA, Airbnb, ASCE, Audi, Carnegie Corporation, NYC, EPA, Goldman Sachs, Google, MoMA, Mori Foundation, National Academies of Sciences, NASA, NOAA, Open Society Foundation, Rockefeller Foundation, the UN and the White House. Keenan's recent books include *Blue Dunes: Climate Change by Design* (Columbia University Press) and *Climate Change Adaptation in North America* (Springer).

### ENRIQUE LARRANAGA

Architect, Universidad Simon Bolivar, 1977 / Master of Environmental Design, Yale University, 1983, Larranaga purposefully interrelates his professional practice, academic activities, teacher, lecturer and juror positions at institutions all over the world, including

University of Miami. His research aims at exploring and communicating architecture's multidimensional disciplinary integrality in all its manifestations.

### ROSA LOWINGER

Fellow of the American Institute for Conservation of Historic and Artistic Works M.A. in art history and conservation from New York University's Institute of Fine Arts. With a focus in modern and contemporary sculpture, architecture and public art, Rosa Lowinger has been in private practice in Los Angeles since 1988. She lectures and publishes frequently on conservation topics related to modern and contemporary sculpture and architecture. She is passionate about maintenance of the built heritage of Cuba and actively seeks to promote international interest in its preservation.

### CHRIS MADER

*Director of Software Engineering Group, Center for Computational Science, UM*

Mr. Mader has been developing software systems for scientific applications, and leading development teams for over 15 years at a number of research organizations including: Stanford University, The Institute for Genomic Research (now J. Craig Venter Institute), and The Scripps Research Institute, as well as a variety of commercial organizations. His interests include the development of service-oriented architectures and text mining.

## CRITICS + GUESTS

**DR. KAREN MATTHEWS**

*Assistant Professor, Art & Art History,  
University of Miami*

Research includes Medieval, Islamic, Andalusian, and Spanish Colonial Art and Architecture.

**GAVIN MCKENZIE,  
MCKENZIE CONSTRUCTION**

Gavin McKenzie, a native South Floridian, is the founder of McKenzie Construction + McKenzie Craft, a boutique design-build and craftwork firm serving the greater Miami area. Since its founding in 2005, McKenzie has set on a mission to create beautiful products and spaces that improve the quality of life for those who utilize and inhabit them. While on course to see McKenzie become one of the top firms in South Florida, Gavin has stayed focused on his first passion: Miami and the neighboring Everglades. Now, he's joined the board of the Dade Heritage Trust to ensure that some of Miami's old charm sticks around.

**WILLIAM MENKING**

William Menking is an architectural historian, writer, critic, and curator of architecture and urbanism. He is professor of architecture, urbanism, and city planning at Pratt Institute and has lectured and taught in the United States and Europe. He is the founder and Editor-In-Chief, The Architect's Newspaper. He has participated in various juries includ-

ing the 2006 and 2008 New York City AIA New Practices, 2007 and 2008 San Francisco AIA Honor Awards, and the 2007 Lumen awards for lighting.

**PETER PENNOYER ARCHITECTS  
PETER PENNOYER, TIM KELLY**

Award-winning practice in traditional architecture recognized as a leader in classicism and historic preservation. Manhattan based, with an office in Miami, the firm has a substantial and varied body of work for residential, commercial, and institutional commissions. The firm's philosophy is grounded in a forward-looking interpretation of history; practices of the past leave us potent lessons relevant to contemporary architectural challenges. Peter Pennoyer Architects has been widely published in newspapers, books, and periodicals and is listed in *Architectural Digest's AD100*.

**PINA PETRICONE**

Pina Petricone is a partner with Ralph Giannone in the office of Giannone Petricone Associates Architects, a multi-disciplinary office best known for projects such as Osteria Ciceri e Tria, Herman Miller Canada, UofT's Centre for Ethics, PCL Seminar Room, Inn on College and re: TreetHouse. Her work centers around ideas of tectonic representation that test the relationship between architecture and cultural difference. With the support of an Arcus Endowment

## CRITICS + GUESTS

Grant from UC at Berkeley, Pina is pursuing a speculative design project entitled Boundaries of Difference. Pina Petricone received a Bachelor of Architecture from University of Toronto in 1991 and in 1995, a Master of Architecture (II) from Princeton.

**DAVID RIFKIND**

David teaches courses in architectural history, theory and design at the College of Communication, Architecture + The Arts at FIU. His first book, *The Battle for Modernism: Quadrante and the Politicization of Architectural Discourse in Fascist Italy*, won the 2011 Premio James Ackerman and was published in 2012 by the Centro Internazionale di Studi di Architettura Andrea Palladio and Marsilio Editori. He won a 2012 Faculty Senate Research Award and is a 2012 FIU Top Scholar.

**ROBERTO ROVIRA**

Associate Professor of FIU Landscape Architecture + Environmental & Urban Design // Principal of Studio Roberto Rovira, Rovira is a landscape architect and former chair of FIU LAEUD. He has a bachelor's degree in mechanical engineering from Cornell and a master's degree in landscape architecture from Rhode Island School of Design. Rovira has lived in Latin America, Europe, and Japan and is a former U. S. Naval Officer. He combines knowledge of landscape architecture, engineering, technology, and fine art to

work at various scales and collaborate with interdisciplinary practitioners.

**HENRY RUEDA, COLLEGE OF  
ARCHITECTURE + THE ARTS, FIU**

Henry Rueda is an architect and a Visiting Assistant Professor in the Department of Architecture at the College of Architecture + The Arts at Florida International University. He graduated from FAU / Universidad Central de Venezuela and GSAPP / Columbia University. Started teaching at FIU in 2014 and before, he taught at Facultad de Arquitectura y Urbanismo at Universidad Central de Venezuela and in the Departamento de Arquitectura, Diseño y Artes Plásticas at Universidad Simón Bolívar, Venezuela. His professional experience includes working for Jesus Tenreiro in Caracas, Venezuela and Wiel Arets in Maastricht, Holland and his practice focuses on Residential Architecture in Venezuela.

**DR. AMIN SARAFRAZ**

University of Miami, Center for Computational Science, Software Engineering, PhD in Civil Engineering, University of Miami in 2012. Primary research interests include photogrammetry, image processing, computer vision, and pattern recognition.

**JOSE ANDRES SARDINIA PEREIRA**

Architect and Master Builder, Universidad Politécnica de la Coruña (Spain) Master in Historia Social de la Cultura



## CRITICS + GUESTS

Cubana, Universidad de La Habana (Cuba) Master of Arquitectura, Arte Sacro y Liturgia, Universidad Europea de Roma (Italy) Curator of the Cultural Patrimony of the Archdiocese of Santiago de Cuba

### **MICHAEL C. SCHWARTZ, AIA, LEED AP**

Michael C. Schwartz is a Principal with David M. Schwarz Architects where he focuses on civic, institutional, and mixed-use buildings, as well as masterplans. His building projects include the Yale University Class of 1954 Environmental Science Center, Tarrant County Family Law Center (Fort Worth), Ed Smith Stadium and Spring Training Complex (Sarasota), Alpharetta City Hall (Georgia), and The Woodley and 13|U apartment buildings (Washington, DC), and planning projects include masterplans for Fort Worth, Duke University, and Alpharetta, Georgia's City Center. He is a speaker and panelist for the Urban Land Institute's Mixed-Use conferences, a mentor for ULI's Young Leaders Group, and has served as a visiting critic at the University of Maryland and the University of Miami.

### **ROGER SHERMAN, AIA**

Roger Sherman, AIA is Senior Project Director of Urban Strategy at Gensler LA. Previously, Roger was founder of Roger Sherman Architecture and Urban Design. His work has been featured in Newsweek and Fast Company, on CNN and The His-

tory Channel, and exhibited at the Rotterdam and Venice Biennales. Projects include the design of a new town in the Ecuadorian Amazon; Thinking Outside the Big Box, an urban infill strategy for Target; and a digitally-driven public space for the Sunset Strip. Currently he is working on an urban development plan for northern Haiti; and HYPO-PARK, a high-density public recreation space. Sherman is former Co-Director of cityLAB, an urban design thinktank at UCLA, where he is an Adjunct Professor. He is author of 3 books, including "LA Under the Influence: the Hidden Logic of Urban Property", has taught and lectured widely, including at New York's MoMA, Zocalo Public Square and TEDx.

### **JAMES M. TAYLOR, PARTNER AT PETER PENNOYER ARCHITECTS**

Jim Taylor guides PPA's exploration into new technology and directs its practice of producing projects using the most cutting edge methods and computer design tools available. His knowledge and commitment to incorporating 3D technology in projects has enabled the firm to help clients and builders visualize a house or a room at an almost unlimited level of detail. Jim received his Master of Architecture from the University of Edinburgh. He is a registered architect in the State of New York and a member of the American Institute of Architects.

## CRITICS + GUESTS

### **MARTA VICIEDO**

Marta Viciedo is a founding partner with Irvans Augustin of Urban Impact Lab, a civic innovation firm working at "the intersection of community engagement, creative place-making, and innovative policy development" on a range of projects to advance opportunities for community transformation, including Park(ing) Day, which installed mini-parks within parking spaces across Miami, and Resilient Miami, working with government and non-profit partners to address climate change related needs of Miami-Dade's most vulnerable communities. Most recently, through the Miami Center for Architecture & Design, she has led a multi-disciplinary team to develop Active Design Miami: Design & Policy Strategies for Healthier Communities (2017), and is now working with the 34 municipalities of Miami-Dade on guideline adoptions.

### **MARIO YANEZ, EARTH LEARNING**

Mario Yanez is dedicated to envisioning and inspiring a transition toward life-sustaining, resilient human communities. He has an academic background in finance, information systems and ecology.

He has several decades of experience applying systems thinking to developing and funding cutting-edge programming and creating provocative and relevant active-learning curriculum supportive of a much-need-

ed cultural evolution. As a Permaculture practitioner, he is applying design at various scales, implementing regenerative productive landscapes, enterprises, and organizational and social systems. Mario is native to the Greater Everglades.

### **HWANG YI PH.D**

*Assistant Professor Department of Architecture, FIU*

Hwang Yi is an architect, researcher, and professional expert in sustainable building design and digital building performance simulation. He has taught building simulation as an adjunct faculty at KIRA (Korean Institute of Registered Architects) and worked as a studio instructor in the United States and South Korea. He won various design competition/architectural prizes, including The Jean Prouve-Kim Jung-Up Architecture Prize from the France Government (2009) and T.S. Kim Architecture Prize (2012).

His doctoral study was funded by the U.S. Fulbright Scholarship. Redefining building performance with information, his latest works about sustainable design are extending to broader data-based realms, including the simulative human-behavioral management of high-performance building, sensor-based responsive geometry, and the hybrid fabrication of organic-inorganic materials for high-informative architecture.

## CRITICS + GUESTS

**MATSUDA YUI PH.D**

*Assistant Professor, School of Nursing and Health Studies UM*

Yui Matsuda is an Assistant Professor at the University of Miami School of Nursing & Health Studies. Dr. Matsuda's research focus is to improve health of underserved populations through culturally tailored highly individualized interventions in the community. Specifically, she has worked with immigrant Latino families during her research, focusing on family planning, couples' power dynamics and communication, and the mental health of mothers whose children are identified with developmental delay. Her clinical expertise includes Public Health Nursing as well as Adult Acute Care Nursing.

**YIZHOU ZHAO**

Visiting Scholar, University of Miami School of Architecture, PhD Candidate, School of Architecture Tsinghua University, Master of Architecture, Tsinghua in Beijing, China. Some of her research include buildings, settlements and landscape in typical regions along with vernacular architecture design and theory.

**ZYSCOVICH - BERNARD ZYSCOVICH, CONNIE EHRILING, GRACE PERDOMO**

Zyscovich Architects is an integrated urban design, architecture, and interior design firm headquartered in downtown Miami with locations in New York City, Orlando, West Palm

Beach, and Colombia; widely recognized as a leader in the design of urban projects as well as the development of the urban design methodology - Real Urbanism®. Zyscovich formed an Education Group in 1982 to address needs of educational clients, with over 40 highly-trained professionals who focus exclusively on the design of public, private and charter schools.

**FIRST YEAR STUDIOS**

Luis Jauregui

**THIRD YEAR STUDIOS**

Esber Andiroglu, P.E. SOA, CoE

Youssef Hachem, Ph.D, P.E. S.I, YH Engineering

Flavio Gomez, Building Official, Miami Dade County

Lawrence Kline, Perkins + Will

Hamed Rodriguez, Perkins + Will

Jorge Trelles, R.A., U-SoA, Trelles Architects

Derrick W. Smith, R.A.

Amanda Rosenfeld, HKS

Rafael Torrens, RT Architects

Alice Dahbura Borges, Borges Architects + Associates

Giorgio Bali, Bali-Trautman Architects

## CRITICS + GUESTS

Giorgio Bali Sr. R.A.

Fresnel E Hernandez P.E.

Rafael Gonzalez P.E.,  
Guerrero Gonzalez-Engineers

Mike Guerrero, P.E.,  
Guerrero Gonzalez-Engineers

Elizabeth Camargo R.A.  
EC Architecture and Design

Matilde Reyes, R.A.,  
Miami Dade County Parks

Roberto Barrero, R.A., DNB Design Group

Mike Arnspiger, Mckenzie Craft

**ADIB CURE /  
TEOFILO VICTORIA STUDIO**

Honorable Mayor of Puerto Colombia,  
Steimer Mantilla Rolong

Jose Manuel Daes (CEO Tecnoglass)

Juan Calvo

**MRED+U STUDIO**

Arnaud Karsenti, Managing Principal,  
13th Floor Investments (MRED+U Advisory  
Board member)

Adam D. Mait, Esq., Development  
Coordinator, Adler Development, Inc.

Muayad Abbas, Principal, Urbanis Advisors

Tony Cho, President & CEO, Metro1

Nik Massey, Vice President, Development,  
Whitman Family Development

Nick Bernal, Seasons Fresh

Natalia Martinez-Kalinina, General Manager,  
CIC Miami

Emran Ally, VP, CBRE

Jacqueline Kaleel

Peter Kapsales

Andre Alves Da Cunha

Brandon Fennell

Ignasi Puig

Diane Nobile

Innocent Chinweze

Marcelo Vidal Romo

Roberto Lopez-Molina

Chester Kendall

Scott Harlowe

Pierre Marks

Benjamin Besunder

Andreu Szempruch

Cindy Blandon

Alec Milton

Viorica Pineda

## CRITICS + GUESTS

### MRED+U STUDIO (CONT.)

Raymond Hernandez

Rodrigo Diaz

Alfredo Vargas Marquez

### PUERTO COLOMBIA STUDIO

Juan Machado, General Manager, Jones  
Lang LaSalle Property Management

Jones Lang Lasalle

Juan Brando, Development Director,  
Comras Company



## U-SOA AWARDS

**MAY 2, 2017, 6 - 8:00PM**  
**@ Faena Forum**

Awarded to the projects that display design excellence and exemplify the goals and objectives of the semester. Determination of the design awards are based on assessment from the overall faculty and guest critics.

### UNDERGRADUATE STUDIO DESIGN AWARDS

First Year  
 Second Year  
 Third Year

### UPPER-LEVEL STUDIO DESIGN AWARD

### THESIS STUDIO DESIGN AWARD

### MRED+U PROJECT AWARD

### FERGUSON SHAMAMIAN DESIGN AWARD

Awarded to the ungraduated and graduate student who demonstrate design excellence in classical and traditional architecture.



Photo by Nik Koenig











**NOTES AND SKETCHES**

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Bill Rammos  
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William H. Harrison

and

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