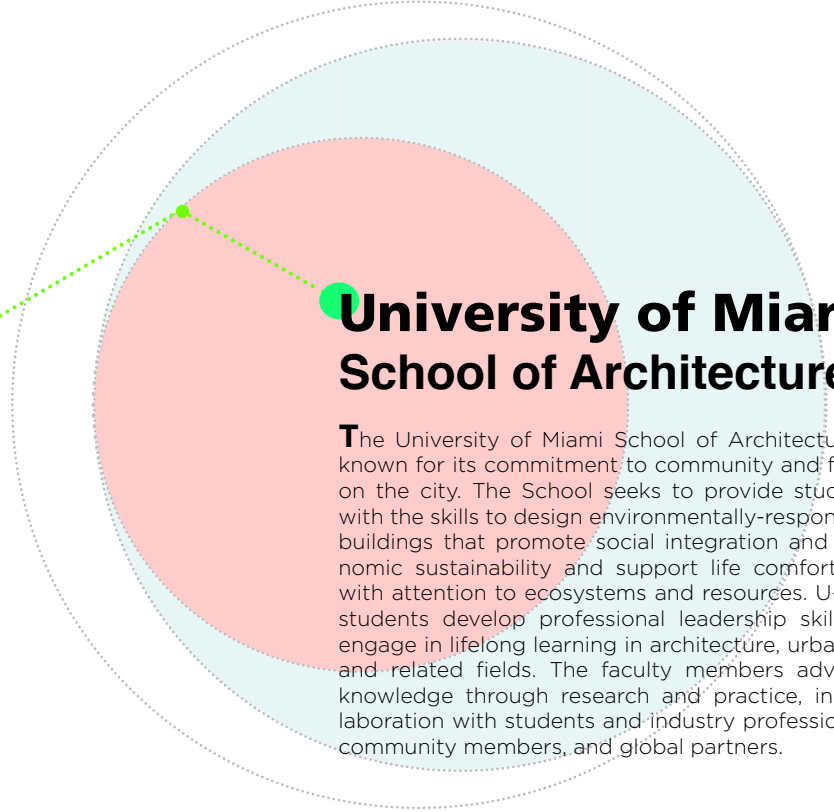
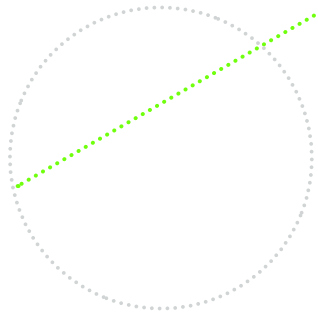
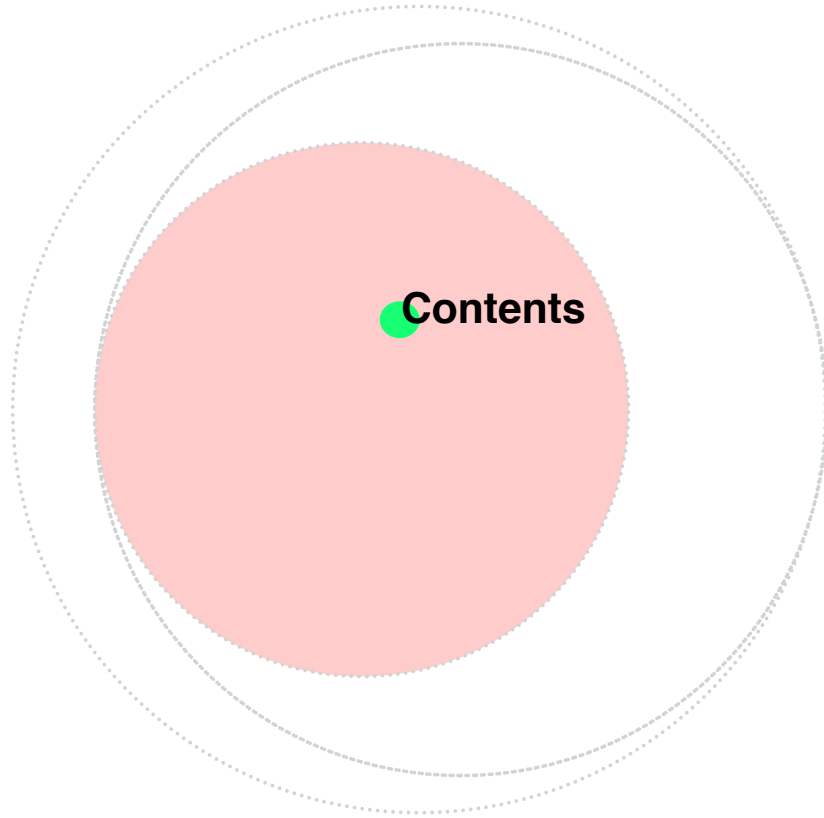
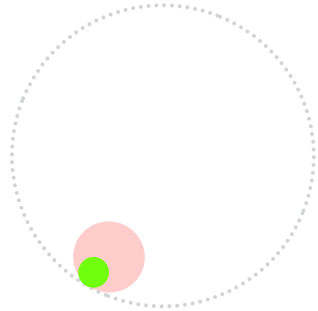


U | SoA
Graduate Programs



University of Miami School of Architecture

The University of Miami School of Architecture is known for its commitment to community and focus on the city. The School seeks to provide students with the skills to design environmentally-responsible buildings that promote social integration and economic sustainability and support life comfortably, with attention to ecosystems and resources. U-SoA students develop professional leadership skills to engage in lifelong learning in architecture, urbanism and related fields. The faculty members advance knowledge through research and practice, in collaboration with students and industry professionals, community members, and global partners.

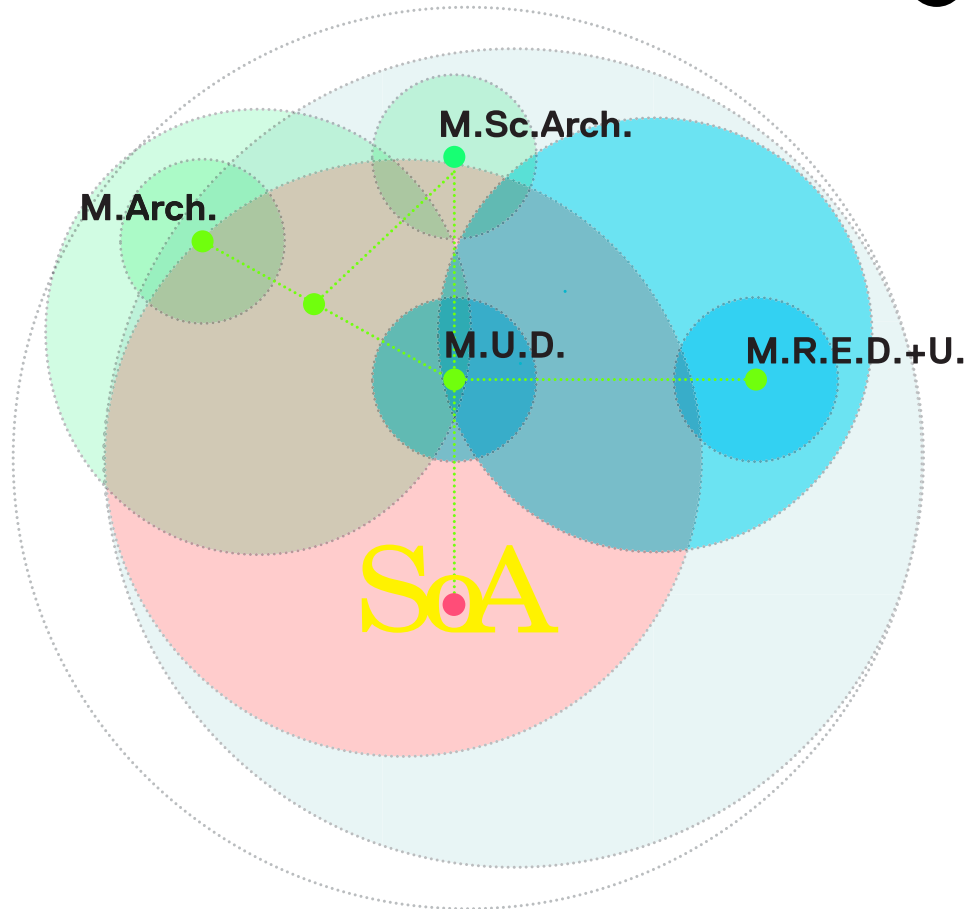


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// Graduate Programs

Initiated in 1989 through the renowned Suburb and Town Design Program, the graduate programs at the University of Miami School of Architecture have expanded to five areas that leverage its strengths in professional development and multi-disciplinary research. Faculty and students draw upon a body of knowledge ranging from traditional building methods, materials, form, and organization, to the nature and context of current practice. Students immerse themselves in contemporary challenges to address a variety of social, cultural, technological and programmatic contexts. The diversity of faculty interests and experience offers opportunities in the selection of studios and in the exploration of diverse architectural vocabularies. Located in the southeastern US, in close proximity to the Caribbean and Latin America, the School participates in an international network to enable students and faculty to develop an understanding of architecture and culture in an increasingly globalized world. Projects include collaborations with allied professionals in the design of buildings, public spaces and infrastructures to support communities.

- :: **Master of Architecture**
(M.Arch.I - 3-year track)
(M.Arch.II - 2-year track)
- :: **Master of Science in Architecture**
(M.Sc.Arch.)
- :: **Master of Urban Design**
(M.U.D.)
- :: **Master of Real Estate Development + Urbanism**
(M.R.E.D.+U.)



// Graduate Programs

:: Master of Architecture (M.Arch. I & II)

Director: **Allan Shulman**

The School of Architecture at the University of Miami offers a professional Master of Architecture degree for college graduates seeking a first professional degree in architecture. The NAAB-accredited, M.Arch. degree enables eligibility for professional registration following NCARB's mandatory Architectural Experience Program (AXP). Two tracks are available to obtain the M.Arch. degree:

The **Master of Architecture I** is a 3-year (7-semester) track for students holding undergraduate degrees in non-design fields. Completion of 105 credit hours is required.

The **Master of Architecture II** is a 2-year (4-semester) track for students holding a previous pre-professional degree in architecture or a closely related field. Completion of a minimum of 60 / maximum of 66 credit hours is required.

MAMU Miami Aircraft Museum, Kendall Airport, Miami

Student: Yasmine Zeghar

ARC 609, Spring 2015

Faculty: John Onyango

*Awards: Merit of Excellence Award, AIA (American Institute of Architects) Miami, November 2015
Bronze Award of Merit, SARA (Society of American Registered Architects) NY, May 2016*



// Graduate Programs

:: Master of Science in Architecture (M.Sc.Arch.)

Director: **Allan Shulman**

The Master of Science in Architecture is a 1½-year (3-semester) program that offers students an opportunity to investigate design strategies / challenges in relation to current issues that include: resilient design, tropical and subtropical architecture, health and the built environment, housing design, conservation of the built environment and the effect of embedded technologies on design. Students select one of two tracks:

Track I: Master of Science (M.Sc.Arch.) in Architectural Design 36 credits

The Architectural Design track focuses on a project-based approach with advanced graduate studios, core seminars, three electives, and a Master's Thesis or Capstone Project in Design. Students select a focus topic from the School's defined research areas.

Track II: Master of Science (M.Sc.Arch.) in Architectural Studies 36 credits

The Architectural Studies track focuses on a text-based study, with one advanced graduate studio, five electives, and a written Master's Thesis. Students propose a topic in advance, or select a concentration in one of the School's defined research areas, with the approval of the faculty and Graduate Director.

The M.Sc.Arch. program is flexible enough to allow students to explore areas of research across a range of topics. After foundational core coursework and electives, each student develops an individually-focused thesis or capstone project on a topic of their interest, with a faculty advisor. Students may also elect to select an Area of Professional Concentration. The areas of professional concentration are designed to provide a skills and knowledge base for professional applications as well as future advanced doctoral study.

Areas of Professional Concentration

- Construction Management
- Sustainable and Resilient Design
- Healthcare Design
- Historic Preservation
- Classical and Traditional Design
- Housing and Hospitality Design

Building Dissolving. *Beijing Park, Shenyang, China*

Student: Ma Zheng

ARC 610 Architectural Thesis, Spring 2014

Faculty: Veruska Vasconez



// Graduate Programs

:: Master of Urban Design (M.U.D.)

Director: **Elizabeth Plater-Zyberk**

The Master of Urban Design brings together students and faculty in the exploration and definition of guiding principles of urban design for building better regions, cities and communities. Program Director Elizabeth Plater-Zyberk is recognized for her foundational role in the development of the New Urbanism as an alternative to urban and suburban sprawl. Students investigate the range of contemporary urban theory and its relation to local contexts and populations globally.

The curriculum offers students the opportunity to work directly with municipalities and private sector groups and prepares students to be effective designers and advocates for both private and public sector development enterprises. The highly-integrated curriculum and close faculty support promote an intensive and rewarding experience which draws from vanguard work in the academy and the profession.

Recent studios have focused on redevelopment around the US, as well as in Asia, Europe, South and Central America. In the last semester of the program, the Urban Design students collaborate with Real Estate Development + Urbanism students through a Capstone charrette, an outreach project that engages students, faculty, consultants and community advocates in a place-making project.

Magnetisme, *Bas Chantenay Urban Development, Nantes France*

Students: Audrey Barth, Laura Poncelet & Gabriel Williams

ARC 608-609 Upper Level Urban Design Studio, Fall 2011

Faculty: Eric Firley



// Graduate Programs

Master in Real Estate Development and Urbanism (M.R.E.D.+U.)

Director: **Charles C. Bohl**

The Master in Real Estate Development and Urbanism (M.R.E.D.+U.) is an interdisciplinary one-year (3-semester), graduate program that combines the fundamentals of real estate development with livable community planning and design. This is a post-professional program that recruits students from a variety of disciplines including architecture, planning / design fields, business, law and other academic and professional backgrounds. 36 credits are required for graduation.

The M.R.E.D.+U. program draws on the combined strengths of faculty from the School of Architecture, an international leader in urban and livable community design; the School of Business Administration, the School of Law, which offers an LL.M degree in Real Property for attorneys; and the College of Engineering, with strong civil, architectural and environmental engineering programs.

The M.R.E.D.+U. Program is designed to provide students with the skills and experience to compete in the evolving world of urban real estate

development. The curriculum is enriched by the University's location in one of the world's most dynamic real estate markets and by the School of Architecture faculty's experience in community building. Course offerings include real estate finance, market analysis, real estate law, land use policies and codes, construction and project management, public / private partnerships, the development process, sustainable development and entrepreneurship.

The curriculum incorporates case studies and materials on mixed-use development, urban infill, the redevelopment and repositioning of urban properties, historic preservation, and the integration of design, policy, management and real estate development decision-making, in shaping the built environment of communities.

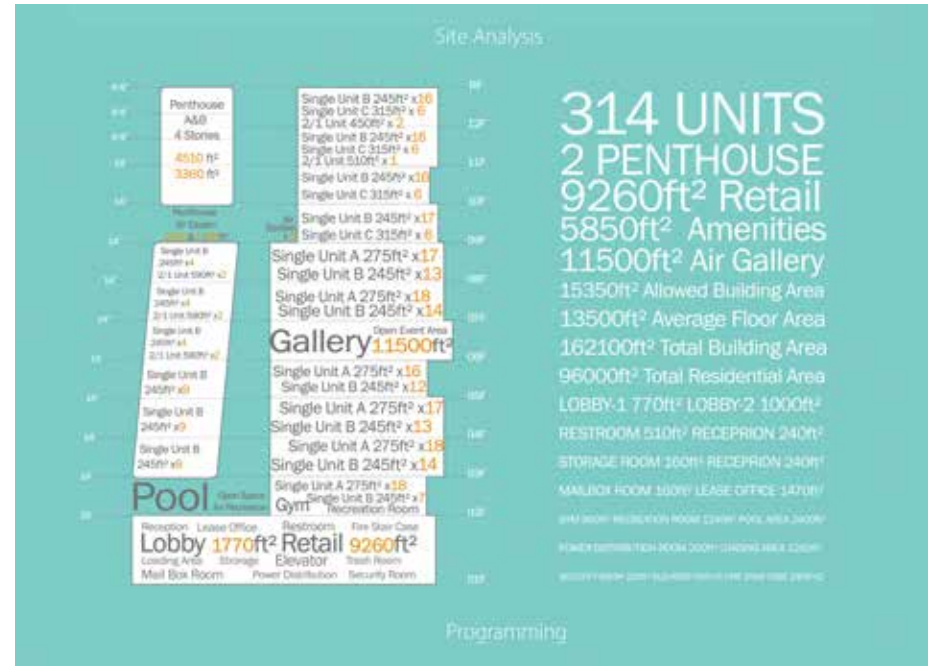
Unique to U-SoA and a highlight of the program is the UM Real Estate Impact Conference, an invitation-only gathering of real estate industry leaders hosted by the University of Miami's School of Architecture and School of Business Administration.

Microhousing at Mana Wynwood, Miami

Student: *Jie Su*

ARC 607 Upper-level Design Studio, Spring 2016

Faculty: *Jake Brillhart and John Onyango, in collaboration with Charles C. Bohl and the M.R.E.D.+U. program*



// Academic Leadership



● **Rodolphe el-Khoury**
Dean

● Rodolphe el-Khoury is Dean of the School of Architecture at the University of Miami. Trained as both a historian and a designer, he divides his time between scholarship, research, and practice. He is the author of numerous books on architecture and urbanism, including *See Through Ledoux*; *Architecture Theatre*, and *The Pursuit of Transparency*; *Monolithic Architecture*; and *Figures: Essays on Contemporary Architecture*. El-Khoury leads RAD-UM, a research lab for embedded technology and robotics, aimed at enhancing responsiveness and resilience in buildings and smart cities. The work of his firm, Khoury Levit Fong (KLF), has won international awards and has been featured in national and international media outlets ranging from WIRED Magazine, to the Wall Street Journal, the Space Channel and BBC World. He has shared his work through teaching, visiting professorships and lectures in the US and abroad.

// Academic Leadership



Denis Hector
Associate Dean

Denis Hector is Associate Professor and Associate Dean at the School of Architecture with a secondary appointment in the Department of Civil, Architectural & Environmental Engineering, College of Engineering, and co-chair of the Faculty Advisory Board of the Abess Center for Ecosystem Science and Policy. Denis Hector is a registered architect with expertise in structure and environment, with an undergraduate degree from Cornell University and a graduate degree from the University of Pennsylvania. The editor of *Hurricane Hazard Mitigation*, he, with colleagues in Engineering, he has conducted studies under the auspices of the National Science Foundation on wind hazard mitigation. He participated in the Mississippi Renewal Forum Charrette after Hurricane Katrina, the Mississippi AIA Mississippi Building Code Workshop, and the 2010 Haiti Charrette. He teaches Building Construction II: Structural Systems and studios with a focus on structure and environment, including recent work in Haiti, both before and after the earthquake.

// Academic Leadership



Carmen Guerrero
Associate Dean

Carmen Guerrero received her Bachelor of Architecture degree from University of Miami and her Master of Architecture Degree from Cornell University. She is a licensed architect in Florida, and Associate Professor in Practice at the University of Miami School of Architecture. Her research explores Italian modernism with a special focus on the inter-war period. Her work has contributed to numerous international exhibitions and publications focusing on the Italian Rationalist movement. In addition to teaching, Guerrero holds administrative leadership positions as the Associate Dean of Strategic Initiatives and Director of the Rome Program. During her 6 year tenure as Director, she developed the current studio center and established partnerships with numerous international institutions including the University of Palermo, where she is adjunct professor, the University of Camerino and the Archivio del Moderno. A practicing architect, Guerrero is principal of the firm Carmen Guerrero Design Studio, Inc., established in 1999. The firm, whose work has been featured in Home Miami, Florida 100 Architects and Interior Designers, was the recipient of the City Beautiful Award for Most Outstanding Interior in 2008. From 2011-2015 she served as a member of the City of Coral Gables Historic Preservation Board. Her professional experience in interior design has served as a platform for creating new interiors elective courses at the School.

// Academic Leadership



Allan Shulman
 Director, Graduate Programs
 in Architecture

Allan Shulman FAIA, LEED AP is Director of Graduate Programs in Architecture and Associate Professor. Shulman is a practicing architect, author, editor and curator. His research focuses on themes of modernism, tropicality and urbanism. Recent works include *Building Bacardi: Architecture, Art and Identity*, *Miami Modern Metropolis: Paradise and Paradox in Midcentury Architecture and Planning*; *The Discipline of Nature: Architect Alfred Browning Parker in Florida*; and as a co-author, *The Making of Miami Beach: 1933-1942: The Architecture of Lawrence Murray Dixon*; and *Miami Architecture: An AIA Guide*. As an extension of his research, he founded his practice Shulman + Associates in 1996 with a focus on the creation of relevant, site-specific designs that develop from a foundation of multidisciplinary research. S+A projects have been widely recognized, with 70+ design awards, and Shulman's own award of the AIA Miami Silver Medal for Design in 2010 and the AIA Florida Gold Medal in 2017. Shulman's projects and writings have been featured in both scholarly and general publications, including the *Journal of Architectural Education*, *Wallpaper*, *Dwell*, *Architectural Record*, and *The New York Times*.

// Academic Leadership



Elizabeth Plater-Zyberk
Director, Master of
Urban Design Program

Elizabeth Plater-Zyberk, FAIA, LEED AP, Malcolm Matheson Distinguished Professor of Architecture and Director of the Master of Urban Design Program is an architect and urban designer and planner, with over thirty years of experience in projects around the world, including regional plans and municipal zoning codes, downtown and neighborhood revitalizations, new towns and neighborhoods, streetscapes and building designs. Recipient of numerous awards, she has been an initiator of many of the firm's advances over the years, is a sought-after speaker, has published numerous essays and is co-author of *Suburban Nation: the Rise of Sprawl and the Decline of the American Dream*, and *The New Civic Art*. Plater-Zyberk has maintained a career-long affiliation with the University of Miami School of Architecture, founder of the Suburb and Town Design program, founding Director of the Center for Urban and Community Design, and one of the University's longest-serving Deans. In addition to her leadership and teaching in the Urban Design program, she is a visiting professor and lecturer in the US and globally, and she serves in numerous boards and panels, including her recent position as a presidential appointment to the US Commission of Fine Arts.

// Academic Leadership



Charles C. Bohl
Director, Master of Real Estate
Development + Urbanism

Charles C. Bohl is Associate Professor and the director of the graduate program in Real Estate Development and Urbanism (M.R.E.D.+U.) at the University of Miami's School of Architecture, where he directed the Knight Program in Community Building from 2000-2008. Dr. Bohl is an expert on place-making, community building and mixed-use development. He is the author of *Place Making: Developing Town Centers, Main Streets and Urban Villages*, a best-selling book published by the Urban Land Institute now in its 5th printing. He co-edited (with Jean-Francois Lejeune) the book *Sitte, Hegemann, And The Metropolis: Modern Civic Art And International Exchanges*.

// Research and Scholarship

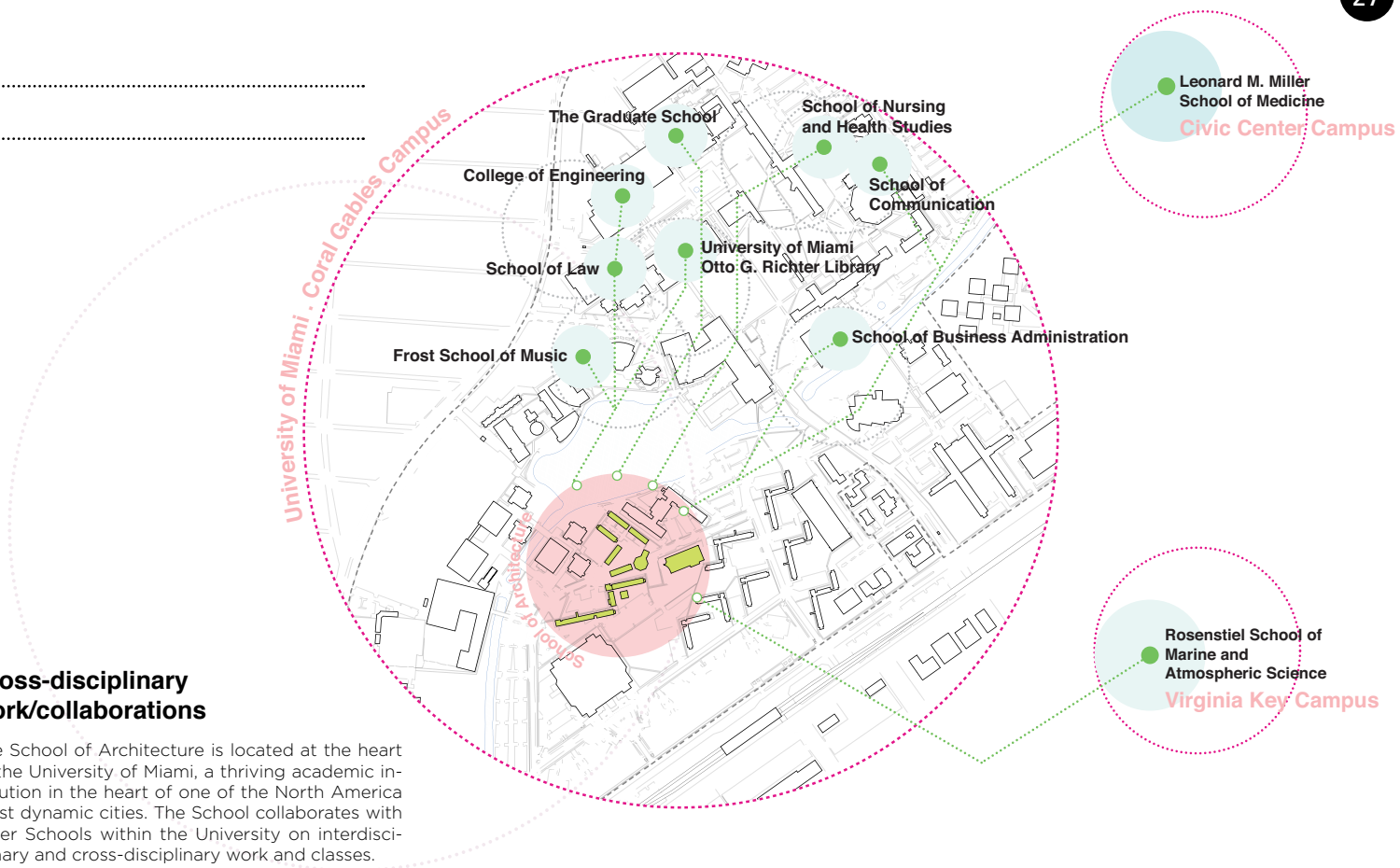
Research is central to the U-SoA mission to advance knowledge in the discipline. Faculty and student research is evident in the work of community engagement; developing architectural form that responds to both tradition and innovation; learning through making; and the interplay of environment, technology, and regional identity. Several 'areas of research' provide a framework for the School's multi-disciplinary research efforts.

Areas of Research

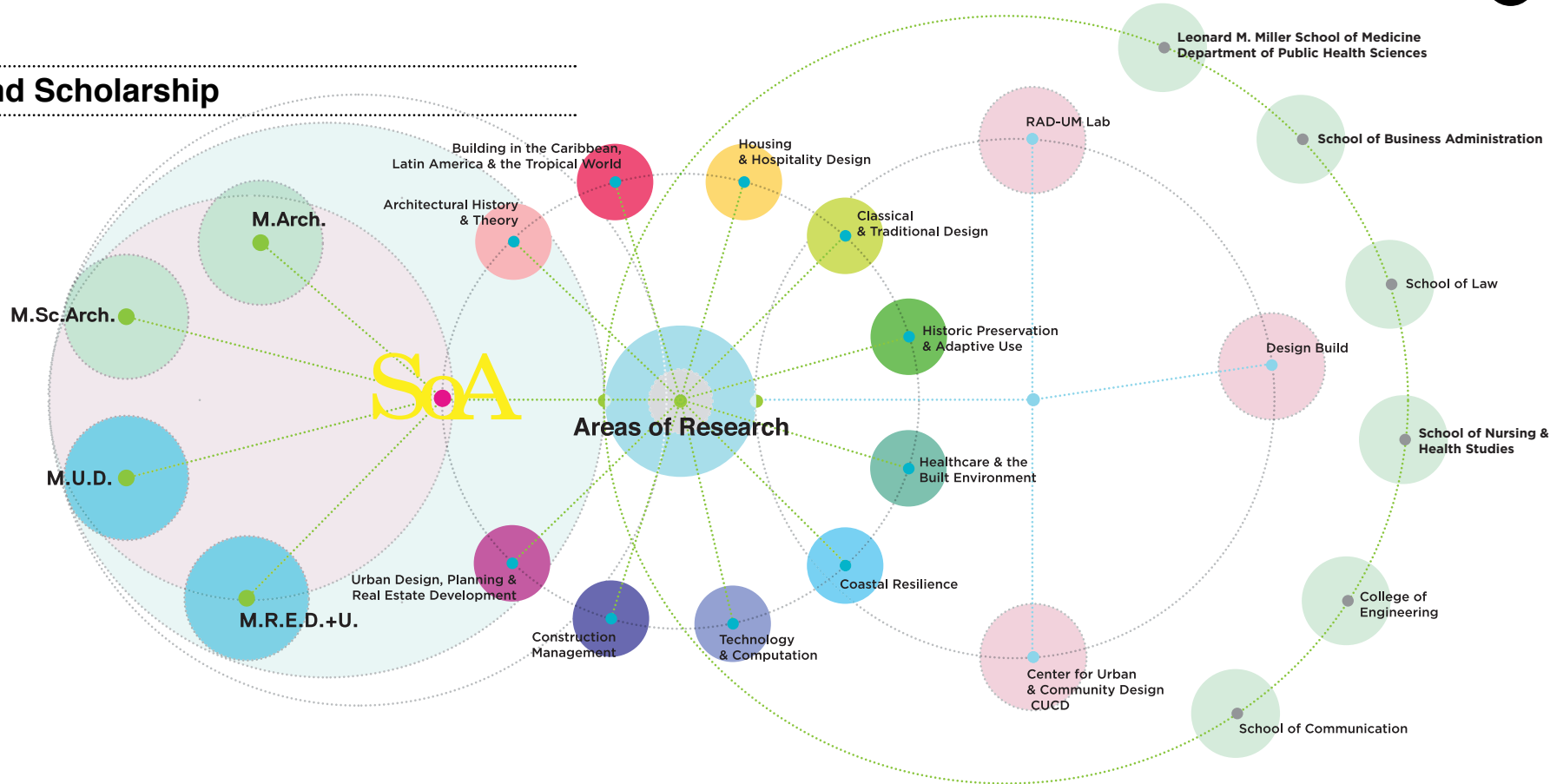
- 01** Urban Design, Planning and Real Estate Development
- 02** Construction Management
- 03** Technology and Computation
- 04** Coastal Resilience
- 05** Health and the Built Environment
- 06** Historic Preservation and Adaptive Use
- 07** Classical and Traditional Design
- 08** Housing and Hospitality Design
- 09** Building in the Caribbean, Latin America and the Tropical World
- 10** Architectural History and Theory

Cross-disciplinary work/collaborations

The School of Architecture is located at the heart of the University of Miami, a thriving academic institution in the heart of one of the North America most dynamic cities. The School collaborates with other Schools within the University on interdisciplinary and cross-disciplinary work and classes.



// Research and Scholarship



// Research and Scholarship

Area of Research **01** Urban Design, Planning and Real Estate Development

The vital role of designers in shaping the physical environment and its relationship to the natural world is at the core of the school's pedagogy. Urban Design and Real Estate Development, and the nexus between them, form a critical field of inquiry supported by the School's Center for Urban & Community Design and two distinct Master programs: the Master of Urban Design and the Master of Real Estate Development + Urbanism.

Context:

In 1989, the School initiated its first graduate program, a post-professional curriculum titled **Master of Architecture in Suburb and Town Design** (current **Master of Urban Design**). Program Director (and former Dean) Elizabeth Plater-Zyberk, who founded the acclaimed program, is recognized for her foundational role in the development of the New Urbanism as an alternative to urban and suburban sprawl. Subsequently, the School's highly successful **Master of Real Estate in Development + Urbanism** program, an interdisciplinary initiative of the Schools of Architecture, Business Administration, and Law, was developed by Associate Professor Charles Bohl in 2008 with the assistance of the Knight Foundation. The program blends the fundamentals of real estate development with livable community planning and design. More recently, Rodolphe el-Khoury, formerly the director of urban design at the University of Toronto's Daniels Faculty, was appointed U-SoA Dean.

Ongoing Projects and Resources:

Center for Urban and Community Design. The CUCD was founded in 1992 in the aftermath of Hurricane Andrew with the mission of fostering a collaborative interdisciplinary approach that supports the buttressing, retro-fitting and creation of sustainable communities and buildings. The Center seeks to integrate research, teaching, and service, encouraging interdisciplinary thought and action in the areas of historic preservation, urban design & community engagement, and, sustainable & resilient design in the sub-tropics and tropics. The Center assists or leads faculty, alumni and students in funded research, publications, and community partnerships, workshops, and charrettes.

Real Estate Impact Conference. In concert with the UM School of Business, the School's annual Real Estate Impact Conference assembles the biggest names and issues in real estate development to discuss the most relevant topics.

Mapping Informal Cities Project. Initiated in 2008 in coordination with UM's Center for Computational Science, the on-going initiative has mapped informal cities around the world. In combination with drone mapping, students walk the streets, studying building and construction patterns, peering into its wood and clay brick homes, and observing neighborhood social interactions.

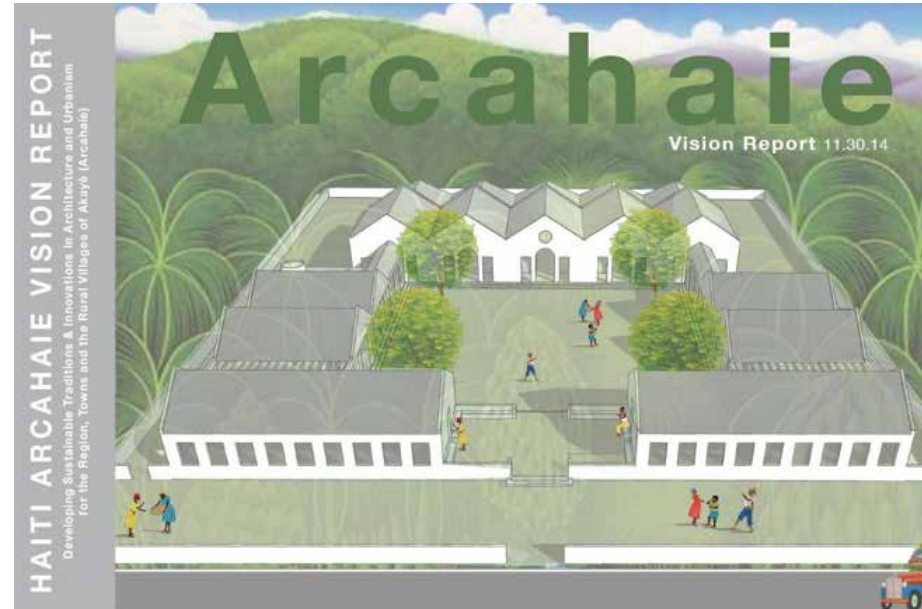
Arcahaie Vision Report, Haiti

A regional master plan and case studies to promote sustainable and resilient design in the communities across Haiti's Arcahaie province.

Prepared by U-SoA Center for Urban & Community Design, 2013-2014

Faculty: Sonia Chao + CUCD Team

Funded by: The W.K. Kellogg Foundation and the Barr Foundation.



// Research and Scholarship

Area of Research **01** Urban Design, Planning and Real Estate Development

Open City Studios. In its 28th year, the Open City Studio offers six week intensive study abroad experiences for both undergraduate and graduate students. Recent programs have focused on the study of Asian cities, with studios in Japan and China.

Smart Cities Program. In partnership with the Center for Computational Science, U-SoA has initiated a research program led by Dean el-Khoury to explore the transformative effect of information technology on the city. Current projects include the design of "Zenciti," a smart city in Yucatan, and a ubiquitous sensing project deploying an array of multi-sensing devices in Miami Beach. The Smart Cities program was formally launched with the inaugural Annual Smart Cities Miami Conference in February 2017.

Third Place Project. Funded by the Knight Foundation, U-SoA has launched Third Place Projects (TPP) in two South Florida communities. Coined by sociologist Ray Oldenberg to describe the important places in our lives other than home or work, the TPP blends U-SoA's expertise in architecture and place-making, especially in the design and layout of incubator space and public markets with the School of Business Administration's expertise in business startup training and entrepreneurship.

Master of Urban Design Sponsored Studios. Design studios in the Master of Urban Design program engage communities in the study of improvements to the built environment. Recent studios have proposed scenarios for public space and for private development in Coral Gables, Charleston, and Atlanta. These projects are guided by a variety of sponsors, including city governments, architecture and urban design firms, developers, and non-profit organizations.

Annual Capstone Urban Workshop. U-SoA students generate architectural and real estate analyses, develop design and development scenarios for each property, and presented strategies and proposals for the public realm in key urban areas.

Urban Prototyping. Initiated in 2016, the School is developing associative project-based environments, including multi-scalar prototypes, that promote social, cultural, economic and environmental sustainability of public spaces. Students work alongside faculty and multidisciplinary teams of fabrication, construction and place-making specialists within local communities, production facilities, and cultural institutions to execute projects. The objective is to creatively engage students in investigating how design, art and technology can serve as tools for civic participation.

Vernacularology, Magdalena River, Colombia

*Students: Lauren Stark, Cedric Amanou & Jack Spalding
ARC 503 Design Studio, Fall 2013*

Faculty: Adib Cure



// Research and Scholarship

Area of Research **02 Construction Management**

Construction technique informs the discipline of architecture and our relationship with the environment. U-SoA explores a range of practices, from traditional systems to cutting-edge technologies, and investigates how the making of buildings and cities enhances their resiliency and sustainability. The School also focuses on **contemporary practice** issues, from the role of research in practice, to the field of Construction Management.

Context:

Professor Rocco Ceo, with Jim Adamson of the famed Jersey Devils studio, formalized the **Design/Build** program in 2009. Together they shaped a curriculum that primarily develops prototype projects for not-for-profits and underserved communities. The B.E. & W.R. Miller BuildLab, currently under construction, will provide a permanent home for the Design/Build program. U-SoA's **Professional Engagement + Research (PAIR)** program was initiated in 2016, with the aim of creating an inclusive sphere of academic and workplace activities leveraging partnerships between students, faculty and professionals. The **Emerging Practitioner Fellowship** was also established in 2016.

Ongoing Projects and Resources:

Design/Build. The annual Design/Build studio chal-

lenges students to learn to think, design, and build in an environmentally-responsible way.

Students seek renewable materials that have a positive impact on the environment. They work with salvaged wood and other recycled materials whenever possible, ingeniously shaping them into useful and sustainable artifacts with an equal measure of elegance and economy. Design/Build work benefits not-for-profits and underserved parts of the community and focuses on solutions that are prototypical in nature.

Professional Engagement + Research (P.E.R.) Studio. Initiated in 2016, the P.E.R. studio is an academic internship combining scholarly activity with practical in-office work experience during the fall or spring semester. The Practicum allows students to blend work and scholarship in professional practices led by faculty under close supervision, while looping back to the School regularly to report on their experience with an assigned instructor.

Emerging Practitioner Teaching Fellowship. Initiated in 2016, this U-SoA fellowship supports individuals in their work to advance the culture of architecture and design through creative practice or research. The fellowship is meant to complement the technology curriculum and enhance research opportunities with emphasis on digital technology.

The Million Orchid Project / STEMLab, Miami

ARC 609 Design Build Studio, Fall 2015

Faculty: Jim Adamson and Austin Matheson

Photo: Adamson and Matheson with students from Miami-Dade County Public Schools



// Research and Scholarship

Area of Research 03 Technology and Computation

Applied research in **embedded technology and the Internet of Things** is premised on the notion that every building or landscape component can be equipped with computational power and connectedness. **RAD-UM (Responsive Architecture and Design)**, a laboratory directed by Dean Rodolphe el-Khoury, provides resources and expertise for project-based research on the spatial ramifications of information technology and ubiquitous computing. Projects at **RAD-UM** are set up for multi-disciplinary collaboration and for partnerships with industry.

Context:

Assistant Professor Juhong Park introduced the **Design Machine Learning Lab** project to the School of Architecture in 2014, building on his previous research on Human-Machine-Collaboration as a vehicle to expand the horizon of human capability. The DML project was initiated to support the School's Master of Science in Architecture program. Also in 2014, Dean Rodolphe el-Khoury set up **RAD-UM**, a research platform he migrated from the John H Daniels Faculty of Architecture, Landscape & Design at the University of Toronto.

Ongoing Projects and Resources:

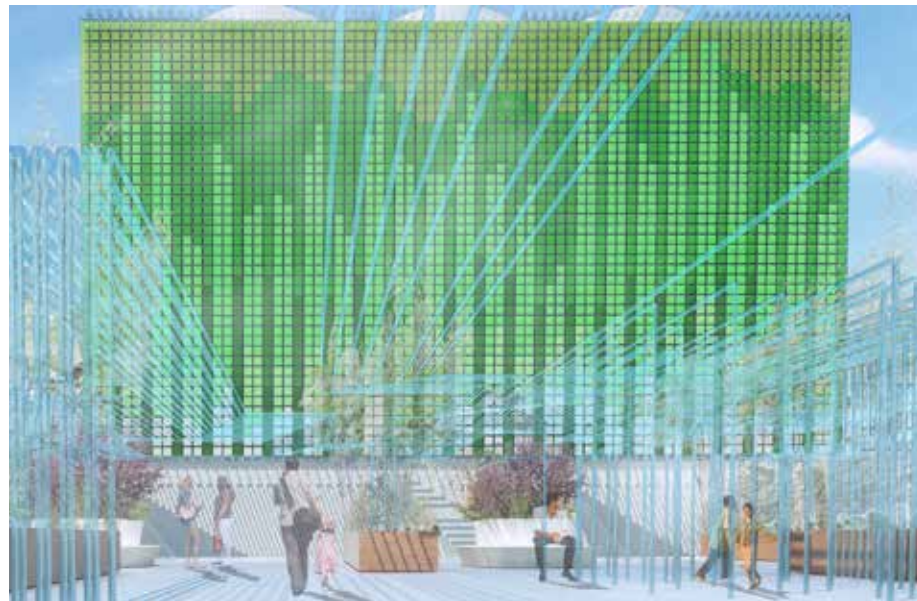
RAD-UM. Projects at **RAD-UM** develop models for digitally-enhanced environments to better handle persistent and emerging challenges in the areas

of healthcare, building technology and sustainability. The projects are set up for multi-disciplinary collaboration and for potential development in partnership with industry. Current projects include a building envelope integrating a bio-reactor that doubles as biological display for data visualization, a drone-powered shading system for public spaces, and a host of responsive systems for "Zenciti," a smart city in the Yucatan.

BIO-DISPLAY, Downtown Miami, FL

Students: Frank Chen, Nika Mirrafie, Claudia Aguado
RAD-UM Lab, Fall 2016

Faculty: Rodolphe el-Khoury, Chris Chung, Veruska Vasconez



// Research and Scholarship

Area of Research **04 Coastal Resiliency**

Changing climate patterns are impacting communities in coastal regions across the globe due to rising sea levels and increasing temperatures. Architects and urban designers play a central role in developing robust adaptation strategies by addressing climate stressors in their designs. Research, innovation, and community outreach are central and connected aspects of building coastal resiliency. U-SoA's Center for Urban & Community Design (CUCD), which offers project-based services to local and regional communities, promotes resilient design by supporting collaborations, applied research, and exchanges with local and regional institutions and communities. The Center also conducts research into best practices in sustainable town and building designs, and provides students with hands-on field-work. Recent collaborations include the Resilient Redesign III charrette with the South Florida Regional Climate Compact, HUD/AARP High School Charrette, and the Cutler Bay High School Symposium.

Context:

South Florida is ground zero for coastal resiliency. The School has developed a coastal resiliency curriculum that capitalizes on civic and scholarly partnerships, and aims to better familiarize students with these and other inter-related design,

planning, and regulatory issues, and the responding strategies under development. U-SoA faculty have been awarded significant research grants by the National Endowment for the Arts, the National Science Foundation, the W. K. Kellogg Foundation, and the Knight Foundation, resulting in the publication of related findings that aim to foster solutions.

Ongoing Projects and Resources:

Resilience Colloquium. The annual colloquium, conducted in September, focuses on the role of landscape in sea-level rise strategies for South Florida.

Miami Beach: Mitigating and Adapting

Student: Isaac Stein

ARC 510 Architectural Thesis, Spring 2014

Faculty: Allan Shulman

Published in: Kamp, David. "This Visionary Plan Could Help Miami Beach Deal with Rising Sea Levels," Vanity Fair, November 2015.



// Research and Scholarship

Area of Research **05 Health and the Built Environment**

Healthcare Architecture is a growing and developing field with design implications that cover a wide range of scales, from urban planning to the design of a single patient room. U-SoA explores these different scales, while providing a multi-disciplinary approach to Healthcare Architecture. Collaborations within the University of Miami, including the Leonard M. Miller School of Medicine, the School of Business, and the College of Engineering, provide students a dynamic and experiential learning environment.

Context:

Professor Joanna Lombard initiated the School's **Healthcare Design Studio** in 2014. Lombard and Elizabeth Plater-Zyberk are founding members of the University of Miami's **Built Environment Behavior & Health Research Group**, which has collaborated on numerous studies. These include a US Department of Housing and Urban Development (HUD)-funded research investigation of the relationship of built (physical) environment "walkability" characteristics such as land-use mix, greenery, and transit, in relation to obesity and related chronic health outcomes and health care costs among 750,000 Medicare/Medicaid beneficiaries in Miami-Dade County, Florida; a National Institute of Diabetes and Digestive and Kidney Diseases-funded study examining built environment walkability in relation to Hispanic immigrants' physical activity

and progression on metabolic syndrome indicators; and a collaboration with the Miami-Dade County Parks Department to investigate the relationship of parks access to health. The Built Environment Behavior & Health Research Group is one of the eleven university-based teams selected as charter members of the **American Institute of Architects Design & Health Research Consortium**.

Ongoing Projects and Resources:

Built Environment Behavior & Health Research Group. The research group is one of the eleven university-based teams selected as charter members of the American Institute of Architects Design & Health Research Consortium. Recent studies include H.U.D. - funded research on the impact of greenness on the health of Miami-Dade Medicare beneficiaries, and current work with FLDOH in Miami Dade and MDPROS to enhance access to parks and physical activity through a mobile web application and expansion of healthy messaging.

Park Analysis, Miami

*Built Environment Behavior & Health Research Group
In Collaboration with Miami-Dade Parks & Recreation
Faculty: Joanna Lombard and Elizabeth Plater-Zyberk*



// Research and Scholarship

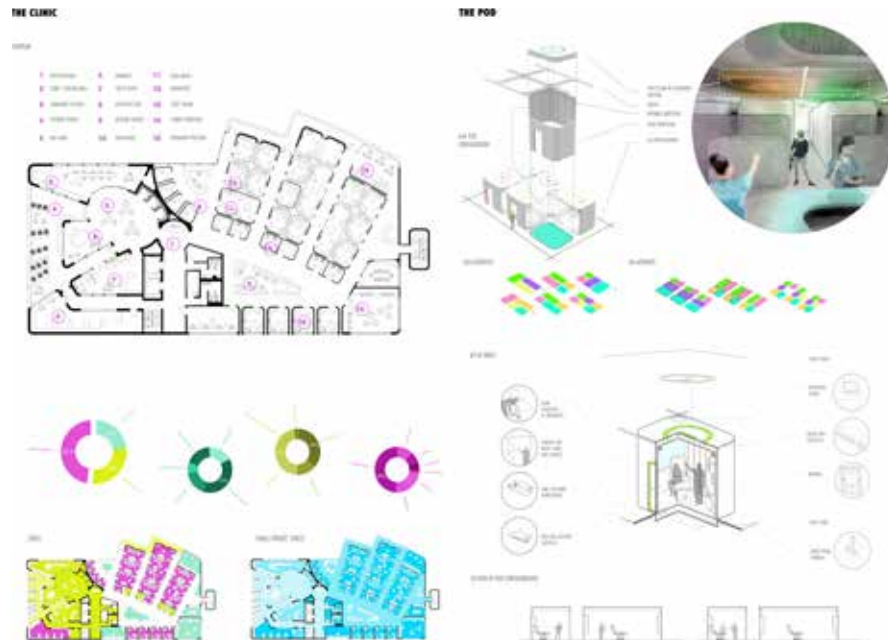
Area of Research 05 Health and the Built Environment

Healthcare Design Colloquium. The annual colloquium showcases themes in the global healthcare marketplace, such as health education, health research, healthcare design, and healthcare business and technology. It is meant to dovetail with and complement the Business School's annual Business of Healthcare Conference with an emphasis on design issues.

Evidence-Based Healthcare Design Research. Initiated in 2016 by Deborah Franqui, this research-based design seminar focuses on healthcare buildings and site planning through active engagement with evidence-based design, working with healthcare providers in specific locations.

Students engage in research, participatory planning processes, and the development of design proposals based on research-validated strategies, significant to health and well-being with guidance from faculty and professionals in healthcare architecture and healthcare delivery.

Clinic One Stop Shop, Miami
Students: Sophie Juneau & Clarisse Lopez
ARC 408-610 Healthcare Design Studio, Fall 2015
Faculty: Joanna Lombard, Deborah Franqui



// Research and Scholarship

Area of Research **06 Historic Preservation and Adaptive Use**

Historic Preservation is at the center of discourse about stewardship and the environment. Miami is an excellent laboratory of contemporary preservation and adaptive use strategies, including preservation of modern architecture and the use of historic preservation as community planning. In addition, the School's location makes it an excellent base to examine the cultural heritage of Cuba and the Caribbean.

Context:

Building on the practice and research of several faculty members, in 2008, U-SoA initiated the **Certificate in Historic Preservation. A Concentration in Preservation Planning** within the Master of Science in Architecture program. The curriculum is being developed in connection with the Universidad de Alcalá, Spain, and their newly-created Master Propio en Arquitectura y Patrimonio del Caribe (Master in Architecture and Heritage of the Caribbean). The collaboration will include joint seminars in Madrid and Miami, as well as a collaborative studio in Havana or in the Spanish Caribbean.

Ongoing Projects and Resources:

DoCoMoMo Florida. Faculty members of the School founded DOCOMOMO (Documentation and Conservation of the Modern Movement)-Florida in 2007 and have been actively involved in national and international conferences on the documentation and conservation of modern architectural heritage. Recent scholarship includes the Miami Marine Stadium, the Bacardi Building, and Tropical Brutalist structures in Miami and Fort Lauderdale.

U-SoA's Center for Urban & Community Design (CUCD), is involved in on-going projects with the City of Miami Beach regarding the overlap between preservation, identity and resiliency.

Reconstruction project of Karl Friedrich Shinkel's Bauakademie, Berlin, Germany

Student: Anna Baez-Daly

ARC 408-609, Spring 2011

Faculty: Veruska Vasconez

Historic Preservation Studio: Proposal for the Reconstruction project of Karl Friedrich Shinkel's Bauakademie, Central Berlin Photo



// Research and Scholarship

Area of Research **07 Classical and Traditional Design**

Classical and traditional architecture are evolving in relation to new paradigms of research and practice, such as digital media and fabrication, sustainability, ecology, and emerging economies. A progressive classicism that seeks to address the pressing issues of our cities, towns and landscapes, is the basis for research spanning popular, professional, and academic discourse.

Context:

Since the mid 1980's when Aldo Rossi produced his proposal for a "New Acropolis" for the University of Miami School of Architecture, many faculty, students and alumni have explored the possibilities of a modernism that reaches toward aspects of the **classical**, or a classical that is open to the paradigms, syntax, and techniques of the modern.

Ongoing Projects and Resources:

Institute of Classical Architecture. The School maintains an ongoing collaboration with the Institute of Classical Architecture.

Classical Design Studio: Funded by William Harrison, an Atlanta-based architect, the Classical

Design Studio is dedicated to the study of classical and traditional building techniques for contemporary cities. Each year, distinguished faculty in this field are invited to teach an upper level design studio.

Transformations in Classical Architecture, New Directions in Research and Practice: Based on a recent work by leading figures associated with U-SoA, and a series of design studios at the School, (the Harrison Visiting Critics in Classical Architecture), this publication, edited by Lecturer Victor Deupi and published by Ojeda Publishers, redefines the new classical discourse in terms of popular, professional, and academic appeal. This publication will be available by Spring 2018.

Fori Imperiali Rinascere: Via Dei Fori Imperiali, Rome, Italy

*Students: Jessica Flores and Frank T. Noska
ARC 507-510, Fall 2016*

Faculty: Jean-Francois Lejeune



// Research and Scholarship

Area of Research **08 Housing and Hospitality Design**

Housing and Hospitality are not only foundation building blocks for modern urban centers, they are critical areas of lifestyle innovation and for application of new ideas about resilience and sustainability. This field of inquiry is supported by the School's Master of Urban Design and Master of Real Estate Development + Urbanism programs. The theme for U-SoA's 2017-18 Lecture Series is Housing.

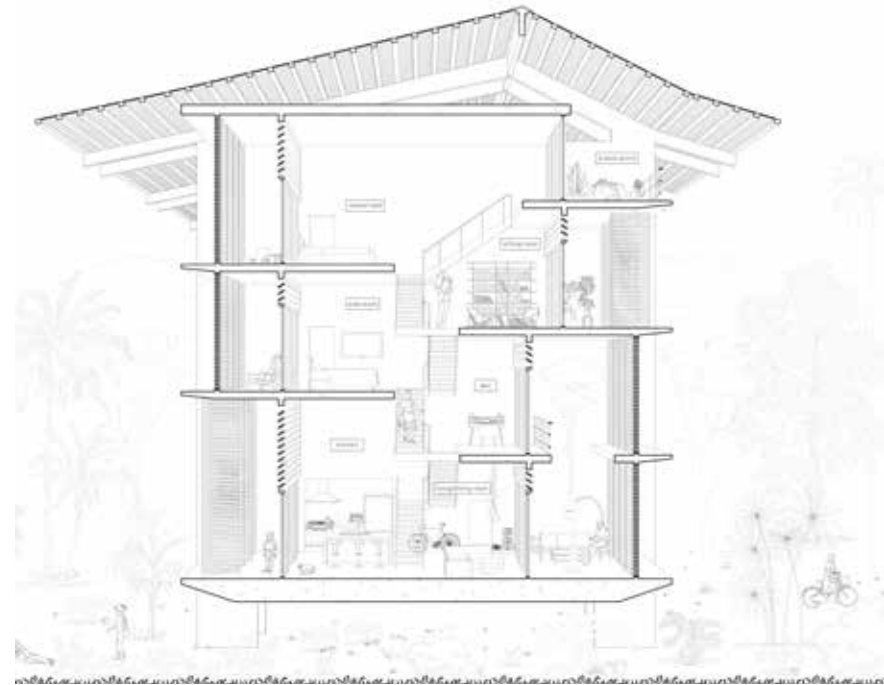
Context:

In coordination with the Master of Urban Design and Master of Real Estate Development + Urbanism programs, the School has increasingly engaged areas of housing and hospitality design through studios and focused seminars. Although new, this area of research capitalizes on the University and the School's regional context.

Ongoing Projects and Resources:

Hospitality Studio: U-SoA's annual Hospitality studio engages the program and function of hotels, but also the very important role of hotels in enriching their context. Urban hotels and resort hotels offer a set of critical issues that require interdisciplinary approaches.

Returning to Vernacular, Coconut Grove, Florida
 Student: James T. Harris
 ARC 610 Architectural Thesis, Spring 2015
 Faculty: Elizabeth Plater-Zyberk & Juhong Park



// Research and Scholarship

Area of Research **09 Building in the Caribbean, Latin America and the Tropical World**

Miami's location is a starting point for examining relevant issues of **Tropical Architecture**, and the study of **Latin America and the Caribbean**.

Context:

Located on the periphery of the Caribbean Basin, in a sub-tropical region at the intersection of diverse cultural and ecological regions, U-SoA has long been engaged in the investigation of environment, regional identity and vernacular traditions. More recently, Miami's accelerated urban and cultural transformation has brought pan-Americanism and issues associated with "the tropical" into a new geographic and conceptual focus.

Ongoing Projects and Resources:

The Cuban Heritage Collection collects, preserves, and provides access to primary and secondary sources of enduring historical, research, and artifactual value which relate to Cuba and the Cuban diaspora from colonial times to the present. The Collection supports the teaching, learning, and research needs of the University of Miami and the broader scholarly community.

East-West Dialogues: Modernism in Florida. Initiated in 2013 with a grant from Deering-Danielson Foundation, the project has explored the

history and legacy of Modernism in Florida through two symposia and an on-going publication project.

Under the Sun. Funded by the NSF, the National Endowment for the Arts, and Kellogg and Barr grants, *Under the Sun* produced an eponymous symposium and publication, and is the basis for on-going research into the role of the vernacular in discussion of sustainability.

Cabinet Loggia, Bahamas
Brillhart Architecture / Jake Brillhart



// Research and Scholarship

Area of Research **10** Architectural History and Theory

The School offers broad opportunities to explore Architecture and City across a broad range of historical and theoretical discourses. Research methodologies, modes of critical thinking, and the development of writing skills within the fields of architecture and architectural and urban design history and theory are emphasized. Recognizing that architecture is an inherently interdisciplinary endeavor, this field of inquiry is supported by the broad resources of the University of Miami.

Context:

Initiated in 2015 as a **Research and Writing** track of the Master of Science in Architecture program, Architectural History and Theory are supported by numerous elective history and theory offerings within the School, and within the University curriculum.

Model of Centro Civico La Pampa, Casa de Gobierno, Santa Rosa, 1952-63. Architect Clorindo Testa

Students: Alberto Alfaro, Kalil Melia Peblo, Stefani Fachini de Araujo, Chen Chen, Haochi Zhang with Justin Sheinberg (B.Arch & M.Arch)

ARC 585, Fall 2014

Faculty: Jean-Francois Lejeune & Rafael Tapanes

Presented in Latin America in Construction: Architecture 1955-1980, Museum of Modern Art NY 2016

Photo by Stefani Fachini



// Public Programs

The School offers three lecture series each year.

:: Tecnoglass Lecture Series

The Tecnoglass Lecture Series provides an annual program of lectures, interviews, and symposia focused on a selected theme each year. The 2016-17 series, "WATER," presented topics on the range of methods through which architecture engages water as a vital resource as well as a threat, including the challenges of mitigation and adaption to sea-level rise. The selected theme for 2017-18 is Housing. Lectures in this series are regularly scheduled on Wednesday evenings in Glasgow Hall at 6:30 p.m.

:: High Noon

High Noon is an informal lunchtime lecture series through which diverse members of the community discuss work-in-progress. High Noon events are regularly scheduled on Wednesdays in Rinker Classroom at 12:15 p.m.

:: Currents

U-SoA Currents is a forum for the diversity of voices and interests in the field. Lectures in the Currents series are regularly scheduled on Mondays in Glasgow Hall at 5:00 p.m.

Coordinator: **Adib Cure**

Exhibitions: U-SoA maintains a robust exhibitions program that utilizes the Korach Gallery (located in the School's Jorge M. Perez Center). Exhibitions include traveling shows, faculty organized exhibits, and student works. Also, each year, the School organizes a major exhibition that accompanies the annual Tecnoglass Lecture Series topic. Exhibitions are open to the University community, as well as the public. The School has also co-sponsored faculty-organized exhibitions at two local museums.

Symposia: The School sponsors conferences and symposia. These are held in Glasgow Hall (on campus), and at venues around the city (Miami).

August, 2014 **Alessandro Pierattini / University of Notre Dame. U-SoA**

September, 2014 **Thomas A. Spain / U-SoA**

September, 2014 **Nader Tehrani / NADAA**

September, 2014 **Chuck Jablon / Skanska**

September, 2014 **Jose Gelabert-Navia / Perkins & Will. U-SoA**

October, 2014 **Duncan Stroik / Duncan Stroik Architect**

October, 2014 **Matteo Ghidoni / Matteo Ghidoni Architetto**

October, 2014 **Barry Bergdoll / MOMA**

October, 2014 ***La Magia de Cartagena Exhibit***

October, 2014 **Nicola Borgmann / Architekturgalerie München**

October, 2014 **Jean François Lejeune / U-SoA**

November, 2014 **Vicente Guallart / Barcelona City Council**

November, 2014 **Gianfranco Bombaci / 2A + P/A**

November, 2014 **Jaime Correa / Jaime Correa & Associates. U-SoA**

December, 2014 **Stefanie Block Reed / Art Basel**

December, 2014 **Katherine Wheeler / U-SoA**

December, 2014 **Sharon Johnston / Johnston Marklee**

January, 2015 **Rodolfo Machado and Jorge Silvetti / Machado and Silvetti**

January, 2015 ***Young Ancients Symposium***

// Public Programs

February, 2015 **Mauricio Pezo + Sofia von Ellrichshausen**/Pezo von Ellrichshausen
 February, 2015 **Rafael Fornés** / U-SoA
 March, 2015 **Pier Vittorio Aureli** / Dogma
 March, 2015 **Bernard Khoury** / DW5
 March, 2015 *Tecnoglass Call to Order Exhibit*
 April, 2015 **Andres Duany** / Duany Plater-Zyberk & Co.
 April, 2015 **Roberto Behar** / R&R Studios
 August, 2015 **Victor Deupi** / U-SoA
 August, 2015 **Patrik Schumacher** / Zaha Hadid Architects
 September, 2015 **Enrique Norten** / TEN Arquitectos
 September, 2015 **Michel Rojkind** / Rojkind Arquitectos
 September, 2015 **Alastair Gordon** / *Wall Street Journal*
 September, 2015 **Jeff Huber** / Florida Atlantic University. Brooks + Scarpa
 October, 2015 **Chad Oppenheim** / Oppenheim Architecture
 October, 2015 **Eric Goldemberg** / Florida International Univ. Monad Studio
 November, 2015 **Steven Brooke** / Photographer
 November, 2015 **Petra Liebl-Osborne** / Artist
 November, 2015 *Seven Latin American Architects: On the Road Exhibit*
 January, 2016 **Joshua Bolchover and John Lin** / Rural Urban Framework
 January, 2016 **Michael Murphy** / MASS Design Group
 February, 2016 **Earl Jackson** / Cooper Robertson
 February, 2016 **Jose de Basto** / de Basto Designs
 February, 2016 **Alexander Josephson** / Partisans
 February, 2016 **Landolf Rhode-Barbarigos** / UM College of Engineering

February, 2016 **Shoshei Shigematsu** / OMA
 February, 2016 **Charles Waldheim** / Harvard GSD
 February, 2016 **Vo Trong Nghia** / Vo Trong Nghia Architects
 March, 2016 **Nick Gelpi** / Florida International University
 March, 2016 **Thomas Wong** / Ennead Architects
 March, 2016 **Bijoy Jain** / Studio Mumbai
 March, 2016 *Tecnoglass Miami and the Tropical World Exhibit*
 April, 2016 **Jose Antonio Sosa** / Alonso + Sosa
 April, 2016 **Massimiliano Fuksas** / Fuksas
 April, 2016 **Bernardo Fort-Brescia** / Arquitectonica
 August, 2016 *Steven Brooke: Views of Miami Exhibit*
 September, 2016 **John Englander** / Oceanographer
 September, 2016 **David Waggoner** / Waggoner & Ball
 September, 2016 *The Discipline of Nature: Architect Alfred Browning Parker in Florida Exhibit, co-curated by Allan Shulman, at History Miami*
 October, 2016 **Eran Chen** / ODA Architecture
 October, 2016 **Benjamin Kirtman** / UM Ctr. for Computational Studies
 October, 2016 **Jaime Correa**: *(RE)thinking Urbanism Exhibit*
 October, 2016 **Alberto Kalach** / TAX
 November, 2016 **Robert A.M. Stern** / RAMSA
 November, 2016 **Juan Domingo Santos** / Juan Domingo Santos Architect
 November, 2016 *Cuban Architects At Home and in Exile Exhibit*
 November, 2016 **Aziza Chaouni** / Univ. of Toronto. Aziza Chaouni Projects
 February, 2017 **Michael Manfredi and Marion Weiss** / Weiss Manfredi
 March, 2017 **Sanjeev Chatterjee** / UM School of Communication
 March, 2017 **Bradley Cantrell** / Harvard GSD
 March, 2017 **Kunlé Adeyemi** / NLÉ
 April, 2017 **Luis Callejas** / LCLA Office

// Visiting Critics

The School of Architecture initiated its acclaimed Visiting Critic program in the late 1980s. The program has featured national and international figures, like Vincent Scully (Yale), Michael Graves (Michael Graves Architecture & Design), Alex Wall (Karlsruhe University), Terry Riley (former curator of architecture at MOMA and recent director of the Miami Art Museum), Bryan Phillips (Philadelphia), Manuel Clavel (Murcia), Miguel Adría (Mexico), Robert A. M. Stern (Yale University and RAMSA), Vicente Guallart (Barcelona), and Robert Levit (Toronto). Visiting Critic Jim Adamson of the Jersey Devils led a studio in Fall 2009 that has now become regularized as the Design/Build Studio.

In Spring 2016, the Visiting Critic position was extended to the School's Rome studios, with the invitation of Giancarlo Bombaci and Matteo Costanzo from the award-winning Roman architectural firm 2A+P/A. Also in 2016, the Visiting Critic program was expanded with the new Emerging Practitioner Teaching Fellowship, which is intended to support individuals committed to expanding and advancing the culture of architecture and design through creative practice or research. The position offers an emerging practitioner the opportunity to advance his/her individual research while capi-

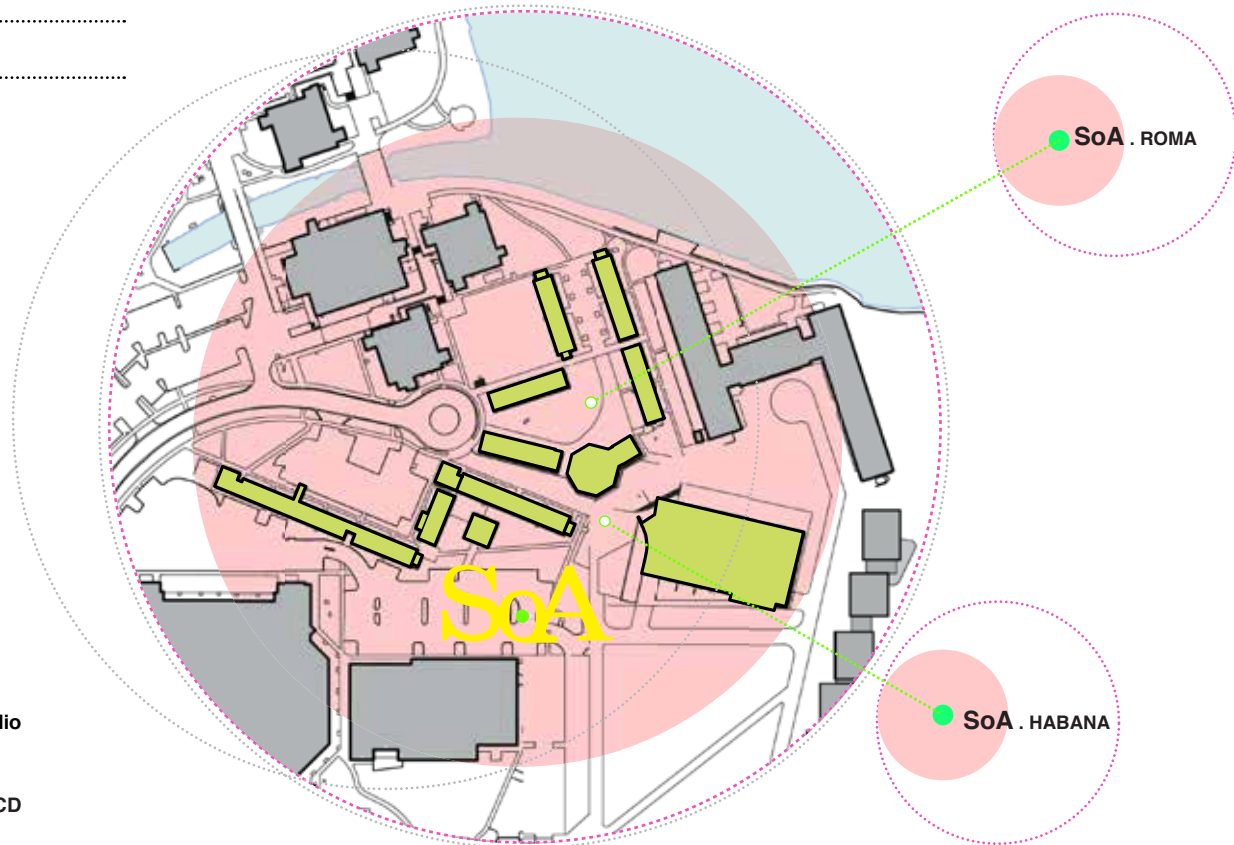
talizing on the resources of both the School and the city of Miami. Its first recipient was James Brazil, an architecturally-trained Australian designer and researcher.



(Miami-New York) **Terry Riley**
 (Barcelona) **Vicente Guallart**
 (Murcia) **Manuel Clavel**
 (New York) **Sarah Caples**
 (Philadelphia) **Brian Phillips**
 (New York) **Victoria Baran**
 (Mexico City) **Miguel Adría**
 (Mexico City) **Patirki Astigarraga**
 (Porto Alegre) **Carlos Eduardo Comas**
 (Mallorca) **Leon Krier**
 (Xian, China) **Zhao Pei**
 (Barcelona-Miami) **James Brazil**
 (Miami) **Rene Gonzalez**
 (Los Angeles) **Juan Azulay**
 (Toronto) **Robert Levit**
 (Miami) **Chad Oppenheim**
 (Miami) **Eran Chan**
 (New York) **Peter Pennoyer**
 (Miami) **Andres Duany**
 (Madrid) **Cayetona Quadra-Salcedo**
 (Boston) **Jorge Silvetti**
 (Miami) **Laurinda Spear**
 (New York) **Robert Stern**
 (New York) **Michale McGratan**
 (Karlsruhe) **Alex Wall**

// Campus and Facilities

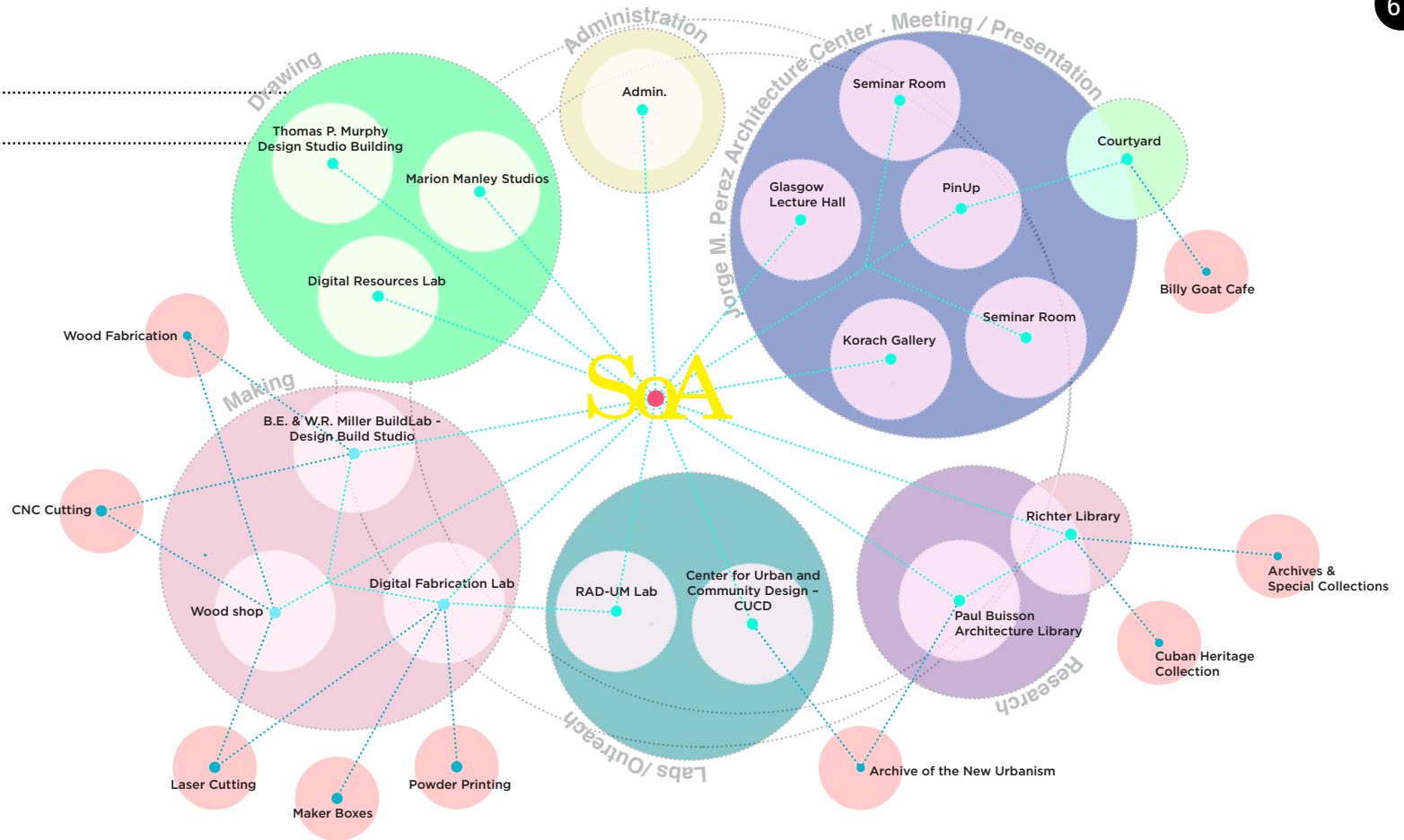
- :: Thomas P. Murphy Design Studio Building
- :: Jorge M. Perez Architecture Center
- :: Paul Buisson Architecture Library
- :: Digital Resources Lab
- :: RAD-UM Lab
- :: B.E. & W.R. Miller BuildLab - Design Build Studio
- :: Modeling and Fabrication Centers
- :: Center for Urban and Community Design - CUCD
- :: Marion Manley Studios







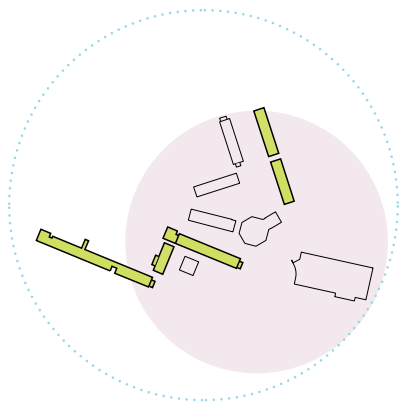
// Campus and Facilities



// Campus and Facilities

:: Marion Manley Studios

U-SoA studio facilities overlook Lake Osceola at the heart of the Coral Gables campus. The studios were designed by Frank E. Watson, Associate in the firm of Robert Law Weed, and Marion Manley, Associate Architect for the University, and the first registered female architect in South Florida. The U-SoA buildings were part of a complex built in 1947 to house the returning veterans of World War II. With much of the complex still functioning as campus housing, the current compound around the courtyard was modified in 1983 to house offices, studios, and classrooms of the School of Architecture.



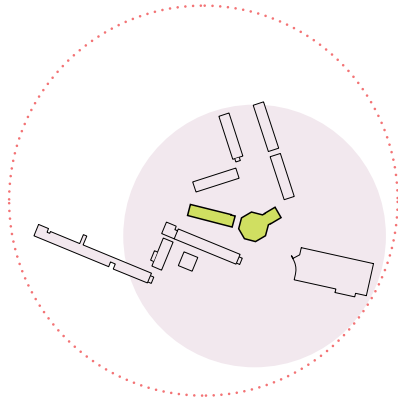
Marion Manley Studios, University of Miami
Building designed by Frank E. Watson with Marion Manley



// Campus and Facilities

∴ Jorge M. Perez Architecture Center

The Jorge M. Perez Architecture Center is the centerpiece of the five-building U-SoA complex. Made possible by a donation from Jorge M. Perez, founder and CEO of The Related Group of Florida and a UM Trustee, it was designed by the architectural theorist and innovator, Leon Krier in collaboration with Merrill Pastor Architects and Ferguson Glasgow Schuster Soto. The Perez Center houses the Stanley and Jewell Glasgow Lecture Hall, the Irvin Korach Gallery, and the Marshall and Vera Lea Rinker Classroom. The Perez Architecture Center hosts school, university and community speakers and events, with related reviews and exhibitions held in the Korach Gallery.



Jorge M. Perez Architecture Center, University of Miami
Building designed by Leon Krier in collaboration with Merrill Pastor Architects and Ferguson Glasgow Schuster Soto

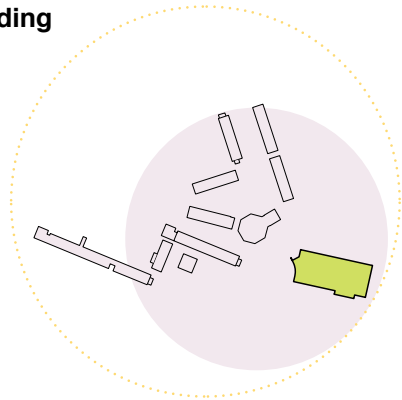


// Campus and Facilities

:: Thomas P. Murphy Design Studio Building

Est. Completion Spring 2018

The Thomas P. Murphy Design Studio Building is planned to become the school's first LEED-certified building. Designed by Miami-based firm Arquitectonica, the studio will accommodate 120 work stations, a fabrication lab, lounge, digital resources lab, presentation areas, review spaces, and offices. The 20,000 square foot structure also includes outdoor work and review space.



Thomas P. Murphy Design Studio Building, University of Miami
Building designed by Arquitectonica
Rendering by Arquitectonica



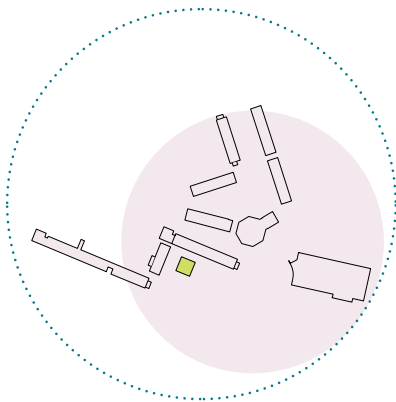
// Campus and Facilities

:: B.E. & W.R. Miller BuildLab - Design Build Studio

Est. Completion Summer 2017

The B.E. & W.R. Miller BuildLab will provide a permanent home for the Design/Build program. Scheduled to be completed in 2017, the BuildLab will deliver a covered space in which students can work year-round. U-SoA's Design/Build program was formalized in 2009 when Professor Rocco Ceo with Jim Adamson of the renowned Jersey Devils studio initiated the program. Together they shaped a curriculum that primarily develops prototype projects for not-for-profit groups and underserved communities. Projects include a mobile cafe, mobile organic kitchen, and mobile sanitary facility for use by migrant farm workers; an eco-tent prototype for the Everglades National Park, a mobile orchid propagation lab for Fairchild Tropical Botanic Garden and Miami-Dade County Public Schools, and a coffee kiosk for the U-SoA campus. The program is committed to working in minimally invasive ways and with green materials, so students learn to think, design, and build in an environmentally-responsible way. Students seek materials that are renewable and have a positive impact on the environment. They work with salvaged wood and other recycled materials whenever possible, shaping them into useful and sustainable artifacts with an equal measure of elegance and economy.

Director: **Rocco Ceo**



B.E. & W.R. Miller BuildLab, University of Miami

Building designed by Rocco Ceo

Rendering by Andrew Aquart, Brillhart Architecture

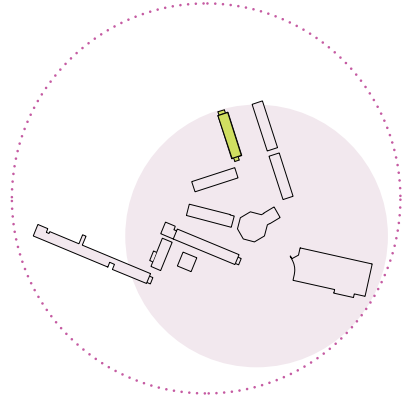


// Campus and Facilities

:: Paul Buisson Architecture Library

The Paul Buisson Architecture Library fronts the school's central courtyard, and is a branch of the University of Miami Libraries. Its primary goal is to support the scholarly research, learning, and teaching needs of U-SoA faculty, students, and alumni. The Architecture Library houses more than 22,000 books, DVDs, microform materials, and over 80 current architecture-related journals. In addition, library patrons may search the University of Miami Libraries catalog to access the Otto G. Richter, Marine Science, Music, Architecture, and Business, Law and Medical Libraries, which collectively host information resources consisting of more than 3.5 million volumes; 96,000 serials; more than 700,000 e-resources; and approximately 4.1 million microforms. Students and faculty also have access to a growing number of digital image services and collections through the UM Library system.

Head of U-SoA Library: **Gilda Santana**



:: Digital Resources Lab

The Digital Resources Laboratory is U-SoA's central resource for digital design and research. The lab hosts a network, provides an IT infrastructure, and a support staff to assist with printing, plotting, scanning, and intensive rendering.

Visualization Lab at the Center for Computation and Science
University of Miami

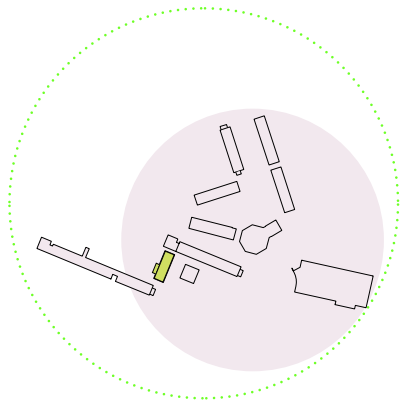


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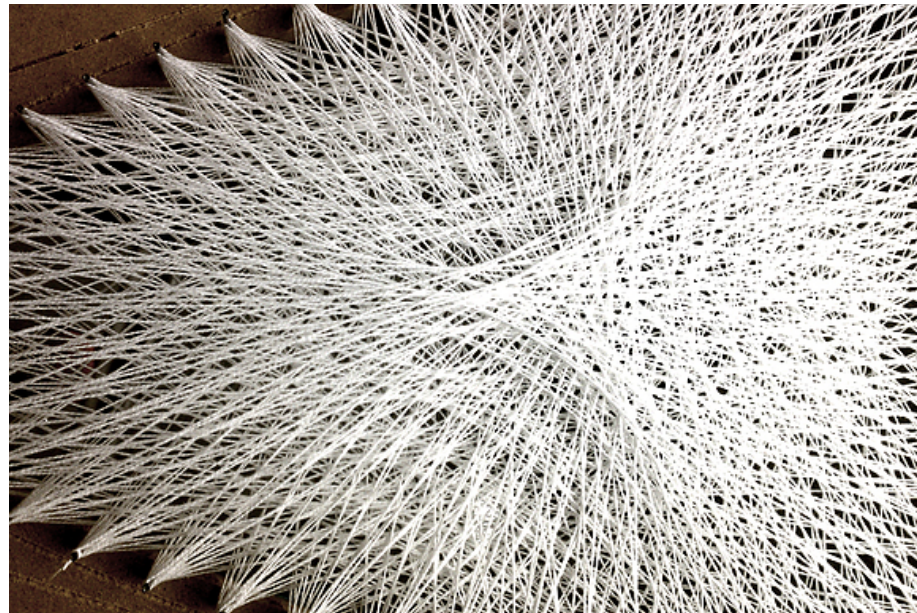
:: Modeling and Fabrication Lab

U-SoA's modeling and fabrication facilities provide students with a regularly-scheduled period under the supervision of a full time Shop Director and student staff assistants.

Immediately adjacent to the design studios, the modeling and fabrication facilities occupy approximately 1,500 square feet and include both digital and analogue fabrication equipment. Along with traditional wood working tools and machinery, students have access to 3D printers, laser cutters, and CNC milling.



Computational Weaving, Miami, 2016
Faculty: Juhong Park



// Campus and Facilities

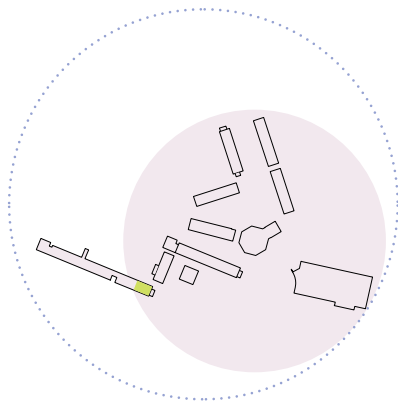
:: RAD-UM Lab

RAD-UM provides resources and expertise for project-based research on the spatial ramifications of embedded technology and ubiquitous computing. The research, led by Lab Director, Dean Rodolphe el-Khoury, is premised on the notion that every building or landscape component can be equipped with computational power. Projects at RAD-UM develop models for such digitally-enhanced environments to better handle persistent and emerging challenges in the areas of healthcare, building technology, and sustainability. The projects are set up for multi-disciplinary collaboration and for potential development in partnership with industry.

Computing is migrating from dedicated static appliances to mobile devices, objects of everyday life, and physical environments thanks to increasingly proliferating microchips and ever-expanding information networks. The spatial nature of ubiquitous computing directly implicates and empowers architecture, landscape, and urban design.

RAD-UM capitalizes on this potential, bringing research to bear on the built environment from a variety of fields that exploit the spatial consequences of distributed computing: responsive and interactive systems, augmented reality, embedded/situated technology, ambient intelligence, mobile computing, and locative media.

Director: **Rodolphe el-Khoury**



RAD-UM Laboratory

Photo by Chris Chung, pictured

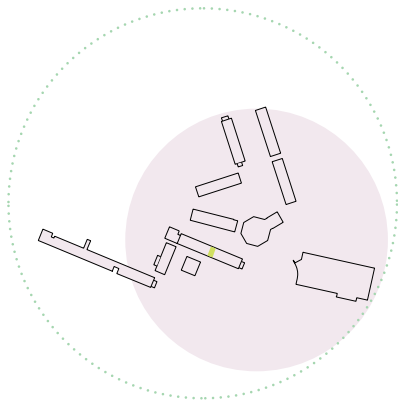


// Campus and Facilities

:: Center for Urban and Community Design - CUCD

The Center for Urban and Community Design (CUCD) was founded in 1992 to respond to the social, economic and physical aftermath of Hurricane Andrew. Since then, the Center has assisted or collaborated with faculty, alumni and students in investigations, publications, and partnerships with communities, enabling each of these groups to directly engage neighbors and to promote sustainable design practices. The CUCD serves communities worldwide, in support of the School's mission to prepare students for professional leadership.

The CUCD fosters a collaborative, interdisciplinary approach that supports the preservation, retro-fitting, and creation of resilient, sustainable communities and buildings. It interfaces community and project needs with the core educational philosophy and goals of the School of Architecture by integrating research, teaching and service, encouraging inter-disciplinary thought and action, sustainable design and development, historic preservation and civic engagement, aligning with the University's active commitment towards local and hemispheric neighbors and partners, and by sharing knowledge, research, project activities and findings with students, faculty, design professionals, civic institutions and the general public.



Director: **Sonia Chao**

Coconut Grove Playhouse charrette at Ransom Everglades School
Sponsored by the Center for Urban Community Design, March 2008
Coconut Grove, Florida



// Study Abroad

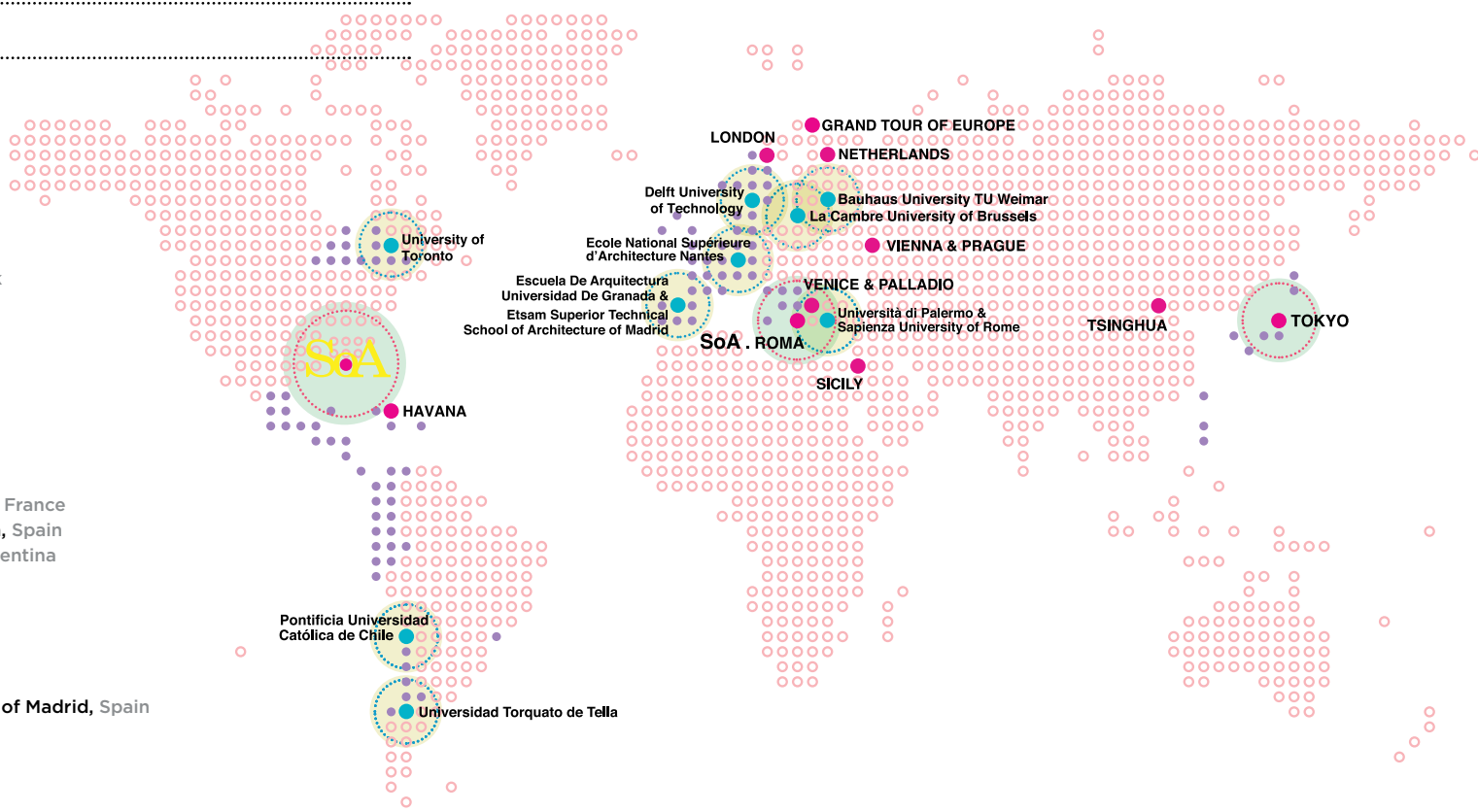
- ☐ Rome Program . Year Long
- ☐ Tokyo Open City Studio . Summer

☐ Intercession Travel Programs

- Spring & Summer 2017
- Netherlands . Winter Break
- Venice and Palladio . Winter Break . Spring Break
- London . Spring
- Tsinghua . Spring
- Vienna and Prague . Spring Break
- Rome & Sicily . Summer
- Grand Tour of Europe . Summer
- Havana . Summer

☐ Exchange Program

- Ecole National Supérieure d'Architecture Nantes, France
- Escuela De Arquitectura Universidad De Granada, Spain
- Universidad Torquato de Tella, Buenos Aires, Argentina
- Pontificia Universidad Católica de Chile, Chile
- Università di Palermo, Italy
- Sapienza University of Rome, Italy
- Bauhaus University TU Weimar, Germany
- La Cambre University of Brussels, Belgium
- Etsam Superior Technical School of Architecture of Madrid, Spain
- In Process*
- Bauhaus University TU Weimar, Germany
- La Cambre University of Brussels, Belgium
- TU Delft, The Netherlands



// Study Abroad

:: Rome Program

FALL . SPRING

The University of Miami School of Architecture sponsors Fall, Spring and Summer semester programs in Rome, Italy. Founded initially in 1983 as a program in Venice with the Università luav di Venezia, one of the first architecture schools in Italy (1926), the program eventually moved to Rome in 1991, with studio quarters established in the last decade. The current program provides students with an intensive experience in design, theory, and history of architecture with U-SoA faculty. The curriculum consists of design and drawing courses, lectures, workshops, guided walking tours, and field trips. Topics include: Design in the Historical Context, Theory of Urban Form, Ancient, Renaissance, Baroque and Modern Architectural History, Drawing as a Means of Architectural Knowledge, and the History of Gardens. Field trips include visits to Tuscany, the Veneto region, Umbria, Lazio, and Sicily, in addition, each semester includes a two-week excursion to other European cities like Barcelona and Paris. The program is open to senior undergraduate and graduate students.

Director: **Carmen Guerrero**



U-SoA Rome Center

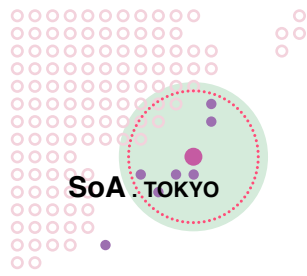


// Study Abroad

:: Open City: Tokyo + Seoul

In summer 2017, the Open City Studio and seminar will meet in the city of Seoul and will travel to Japan, visiting Fukuoka, Kyoto, Ise, Nara, and Tokyo. The studio will focus on composition and construction in architecture and city building, and how these fundamental aspects of architecture are represented in drawing form. Building types and models, both urban and rural, such as timber frame vernaculars, methods of construction, the participation of the garden and the castle in the architectures of Korea and Japan and the constitution and configuration of the city, will be the subject of observation and documentation.

Director: **Teofilo Victoria**



Open City Studio, Tokyo, Japan, 2009
Photo by Adib Cure



// Curriculum

:: M.Arch.I

Years: 3

For students with non-architecture degrees (completion of 105 credits is required)

FIRST YEAR

Fall Semester I

ARC 604 Architecture Design	Credits: 6
ARC 611 Visual Representation	3
ARC 630 Building Technology I	3
ARC 667 History of Architecture I	3

Total Credits 15

Spring Semester II

ARC 605 Architecture Design	Credits: 6
ARC 613 Advanced Visual Representation	3
ARC 631 Building Technology II	3
ARC 668 History of Architecture II	3

Total Credits 15

Summer Semester III

ARC 606 Architecture Design (Rome Studio)	Credits: 6
ARC 632 Building Structures I	3
ARC 662 Environmental Building Systems I	3

Total Credits 12

SECOND YEAR

Fall Semester IV

ARC 607 Architecture Design (Integrated Design)	Credits: 6
ARC 620 Responsible Architecture	3
ARC 633 Building Structures II	3
ARC 663 Environmental Building Systems II	3

Total Credits 15

Spring Semester V

ARC 608 Architecture Design (Studio Rome/Miami)	Credits: 6
History of Architecture Elective	3
Electives (2)	6

Total Credits 15

THIRD YEAR

Fall Semester VI

ARC 609 Architecture Design (Vertical Studio)	Credits: 6
ARC 652 Management of Professional Practice	3
ARC 699 Directed Research	3
Elective (1)	3

Total Credits 15

Spring Semester VII

ARC 610 Architecture Design Degree Project	Credits: 6
Professional Elective	3
Electives (3)	9

Total Credits 18

Electives During Intersession:
Spring Break or Summer

Total Credits for Degree 105

:: M.Arch.II

Years: 2

For students with professional degrees in architecture or closely related field (completion of 60 credits is required)

FIRST YEAR

Fall Semester I

ARC 608 Architecture Design	Credits: 6
ARC 615 Advanced Visualization Techniques	3
ARC 620 Responsible Architecture	3
Elective (1)	3

Total Credits 15

Spring Semester II

ARC 609 Architecture Design (Studio Rome/Miami)	Credits: 6
History of Architecture Elective	3
Electives (2)	6

Total Credits 15

SECOND YEAR

Fall Semester III

ARC 607 Architecture Design (Integrated Design)	Credits: 6
ARC 652 Management of Professional Elective	3
ARC 699 Directed Research	3
Elective (1)	3

Total Credits 15

Spring Semester IV

ARC 610 Architecture Design Degree Project	Credits: 6
Electives (3)	9

Total Credits 15

An additional summer semester may be added for students with less than 8 Design studios from a Bachelor of Architecture Degree (6 credits).

Electives
During Intersession: Spring Break or Summer

Total Credits for Degree 60

// Curriculum

:: M.Sc.Arch.I

Years: 1

Track 1: Master of Science in Architectural Design

FIRST YEAR

Fall Semester I	Credits:
ARC 608 Architecture Design (Upper Level)	6
ARC 629 Research in Design Methods and Procedures	3
Elective (1)	3
Total Credits	12

Spring Semester II	Credits:
ARC 609 Architecture Design (Upper Level)	6
ARC 699 Directed Research	3
Electives (2)	6
Total Credits	15

Summer Semester Or Fall III	Credits:
ARC 610 Architecture Design Degree Project (Design thesis)	6
Elective (1)	3
Total Credits	9

*Interdisciplinary opportunities: one class/semester can be taken outside the School of Architecture in support of the student's focus

**Core Elective: an elective in your field or adjacent field

Total Credits for Degree **36**

:: M.Sc.Arch.II

Years: 1

Track 2: Master of Science in Architectural Studies

FIRST YEAR

Fall Semester I	Credits:
ARC 629 Research in Design-Methods and Procedures	3
History of Architecture Elective	3
Elective (1)	3
Total Credits	12

Spring Semester II	Credits:
ARC 699 Directed Research	3
History of Architecture Elective	3
Electives (2)	6
Total Credits	12

Summer Semester Or Fall III	Credits:
ARC 610 Architecture Design Degree Project (Written Thesis)	6
Electives (2)	6
Total Credits	12

Total Credits for Degree **36**

// Curriculum

:: M.U.D.

Years: **1 - 1.5**

FIRST YEAR

Summer – Introductory Prep

For students with landscape architecture or planning degrees only

Credits:

Total Credits **0**

Fall Semester I

Credits:

ARC 601 Urban Design Studio I 6
ARC 621 Urban Design History and Theory 3
ARC 690 History of Cities 3
RED 601 Introduction to Real Estate Development and Urbanism 3

Total Credits **15**

Spring Semester II

Credits:

ARC 602 Urban Design Studio II 6
ARC 622 Housing and Infrastructure 3
ARC 623 Urban Design and Development Charrette 3
Elective (1) 3

Total Credits **15**

Summer Semester III

Credits:

ARC 603 Urban Design Studio III 6

Total Credits **6**

Total Credits For Degree **36**

(Optional) Fall II Semester – Thesis:

ARC 610 Architecture Design Degree Project 6

Total Credits **6**

Total credits for degree with thesis: **42**

:: M.R.E.D.+U.

Years: **1**

FIRST YEAR

Fall Semester I

Credits:

RED601 Introduction to Real Estate Development and Urbanism 3
RED 610 Financing Urban Real Estate Development 3
BSL 694 Real Estate Law 2
RED 630 Real Estate Market Analysis 3
Electives 4

Total Credits **15**

Spring Semester II

Credits:

FIN 644 Real Estate Investment and Appraisal (or RED 650) 2
RED 660 Urban Infill, Preservation & Mixed Use Development 3
RED 670 Construction and Project Management 3
RED 680 Entrepreneurship in Real Estate Development 3
Electives 4

Total Credits **15**

Summer Semester III

Credits:

RED 690 Case Studies in Real Estate Development 3
RED 699 Capstone Real Estate Development and Urbanism Charrette 3

Total Credits **6**

Total Credits For Degree

36

SoA DRAWING AND MEDIA WORKSHOP
 Incoming MARCH Students
 2YEAR & 3YEAR

+ **Current 3YEAR MARCH Students** (Comprehensive Studio)

OBJECTIVES:
 Introduction of 3 major software in full capacity so students will be able to understand an assignment from Design course and Visual Representation course.
 Production of graphically effective Analytical and Architectural Diagrams.
 Students will be aware of the full range of strategies and techniques to develop and implement a complete and accurate visual architectural presentation.
 Students will learn to quickly respond, meeting course goals and the problems given by the Project 0 design brief.



Incoming 2Year MARCH Students

MANDATORY

Incoming 3Year MARCH Students

MANDATORY

Current 3Year MARCH Students

MANDATORY

Workshop FALL 2016

AUGUST

→ **Part II: (week 2 Aug 29 - 31) Introduction to AutoCAD and Laser Cut Diagramming, with Adobe Illustrator**
 Using an existing project
 Students will produce:
 Site Plan
 Floor plan
 Floor section
 2 Elevations
 2 Sections
 Plans to Laser Cut
 Diagram & Analysis
 Week 3 (workshop mandatory)
M W
 From 6:30 pm to 8:30pm

SEPTEMBER

→ **Start Part III: (weekend 3 Sept. 11-18-20) Introduction to Revit**
 Project: Design Studio
 Implementation of Studio Project to Revit
 Site Plan
 Floor plans
 2 Elevations
 4 Sections
 3D View
 Week 3 (workshop mandatory)
Sunday
 From 9 am to 5 pm

SEPTEMBER

→ **Part IV: (weekend 5 Sept. 20-21-22) Advance Rhino and Introduction to Grasshopper**
 Project: Design Studio
 Implementation of Studio Project to Grasshopper
 Introduction to Algorithmic Modeling
 3D Analysis Component
 3D View
 Week 4 (workshop mandatory)
T W TH
 From 7pm to 9pm

AUGUST

→ **Part I (week 1- Aug 22 - 23 - 24) Introduction to Rhino & Introduction to Adobe Illustrator**
 Using an existing project
 Students will produce:
 Site Plan
 Floor plan
 2 Elevations
 2 Sections
 2D Modeling
 Diagram & Analysis
 Week 1 (workshop mandatory)
T W TH
 From 7pm to 9pm



OCTOBER

→ **Part V: Oct. 13 Advanced Rhino & Illustrator**
 Project: Design Studio
 Implementation of Studio Project to Revit
 3D Analysis
 3D View
 Week 3 (workshop mandatory)
Thursday
 From 6:30pm to 8pm
 3rd Floor Computer Lab



OCTOBER

→ **Part VI: Oct. 24 Vray for Rhino**
 Project: Design Studio
 Implementation of Studio Project to Grasshopper
 3D View
 Diagram to 3D Animation
 Materials
 Lighting
 Rendering
 Week 4 (workshop mandatory)
Monday
 From 6:30pm to 8pm
 3rd Floor Computer Lab



NOVEMBER

→ **Part VII: Oct. 31 - Nov. 3 Introduction to 3D Max**
 Project: Design Studio
 Implementation of Studio Project from Revit or Rhino
 3D Max
 3D View
 3D Animation
 Materials
 Lighting
 Rendering
 Week 5 (workshop mandatory)
Monday - Thursday
 From 6:30pm to 8pm
 3rd Floor Computer Lab



NOVEMBER

→ **Part VIII: Nov. 10 Photoshop**
 Project: Design Studio
 Implementation of Studio Project 3D Model Views
 Layer
 Layer
 Layer
 Week 6 (workshop mandatory)
Thursday
 From 6:30pm to 8pm
 Glasgow Hall



NOVEMBER

→ **Part IX: Nov. 17 Introduction to Layout & Composition**
 Project: Design Studio
 Final Presentation Boards
 Final layout
 Week 7 (workshop mandatory)
Thursday
 From 6:30pm to 8pm
 3rd Floor Computer Lab



SoA Workshop SPRING 2017
DRAWING AND MEDIA WORKSHOP
 M.Arch. Students
 2YEAR & 3YEAR

OBJECTIVES:
 Introduction of 3 major software in full capacity so students will be able to understand an assignment from Design course and Visual Representation course.
 Production of graphically effective Analytical and Architectural Diagrams.
 Students will be aware of the full range of strategies and techniques to develop and implement a complete and accurate visual architectural presentation.
 Students will learn to quickly respond, meeting course goals and the problems given by the Project 0 design brief.



Incoming 2016 2Year MARCH Students

Incoming 2016 3Year MARCH Students

Current 3Year MARCH Students

JANUARY

→ **Jan. 23 - Prof. Deepi Watercolor + Freehand Drawing**
 Monday
 From 9:15am to 12pm
 3rd Floor Computer Lab
 → **Jan. 25 - Prof. Vactayo Adobe Photoshop I + Adobe Illustrator**
 Wednesday
 From 6:30pm to 8pm
 3rd Floor Computer Lab
 → **Jan. 27 - Prof. Pei GIS I**
 Friday
 From 9:15am to 12pm
 3rd Floor Computer Lab

FEBRUARY

→ **Feb. 03 - Prof. Pei GIS II**
 Friday
 From 9:15am to 12pm
 3rd Floor Computer Lab
 → **Feb. 15 - Prof. Vactayo Rhino I**
 Wednesday
 From 9:15am to 12pm
 3rd Floor Computer Lab
 → **Feb. 22 - Prof. Vactayo Rhino II**
 Wednesday
 From 9:15am to 12pm
 3rd Floor Computer Lab
 → **Feb. 28 Adobe Photoshop II**
 Tuesday
 From 6:30pm to 8pm
 3rd Floor Computer Lab

MARCH

→ **Mar. 21 - Prof. Chung Vray for Rhino I**
 Tuesday
 From 6:30pm to 8pm
 3rd Floor Computer Lab
 → **Mar. 22 - Prof. Vactayo Grasshopper I**
 Wednesday
 From 9:30am to 12pm
 3rd Floor Computer Lab
 → **Mar. 29 - Prof. Chung Vray for Rhino II**
 Tuesday
 From 6:50pm to 8pm
 3rd Floor Computer Lab
 → **Mar. 29 - Prof. Vactayo Grasshopper II**
 Wednesday
 From 9:30am to 12pm
 3rd Floor Computer Lab

APRIL

→ **Apr. 04 - Prof. Park 3D Max**
 Tuesday
 From 6:50pm to 8pm
 3rd Floor Computer Lab
 → **Apr. 11 - Prof. Park Fabrication I**
 Tuesday
 From 6:30pm to 8pm
 3rd Floor Computer Lab
 → **Apr. 12 - Prof. Park Fabrication II**
 Wednesday
 From 6:30pm to 8pm
 3rd Floor Computer Lab

Vernacularology, Magdalena River, Colombia
Students: Hooman Akhtari and Lily Kasapi
ARC 503 Design Studio, Fall 2013
Faculty: Adib Cure



Sutro Bath, San Francisco, California
Student: Jie Su
ARC 503 Design Studio, Summer 2015
Faculty: Denis Hector



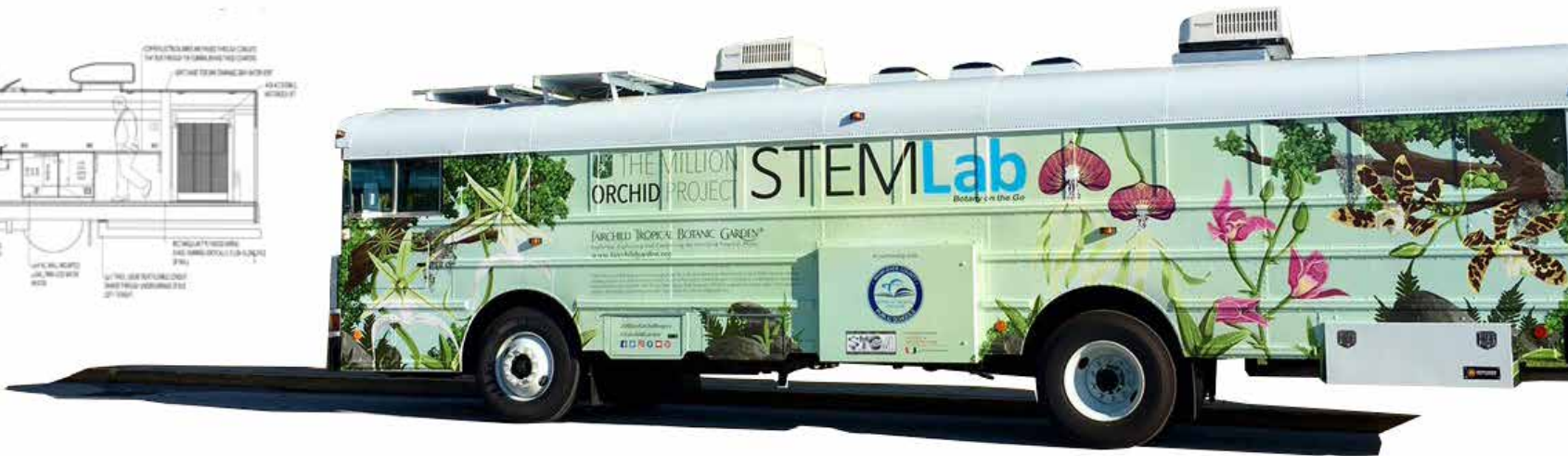
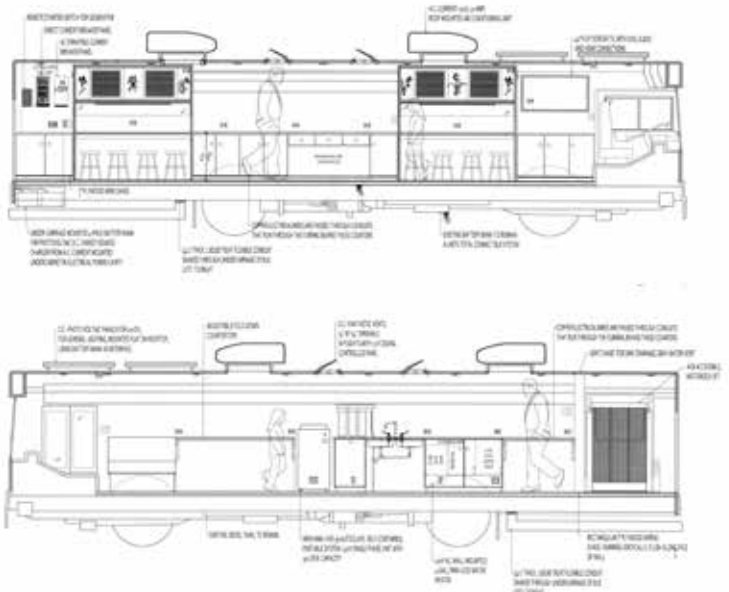
Tevereterno, Multidisciplinary Art Project For The Revival Of Rome's Tiber River, Rome
Students: Isaac Stein and Heather Smith
ARC 507 Upper level Design Studio Roma, Spring 2013
Faculty: Jacob Brillhart

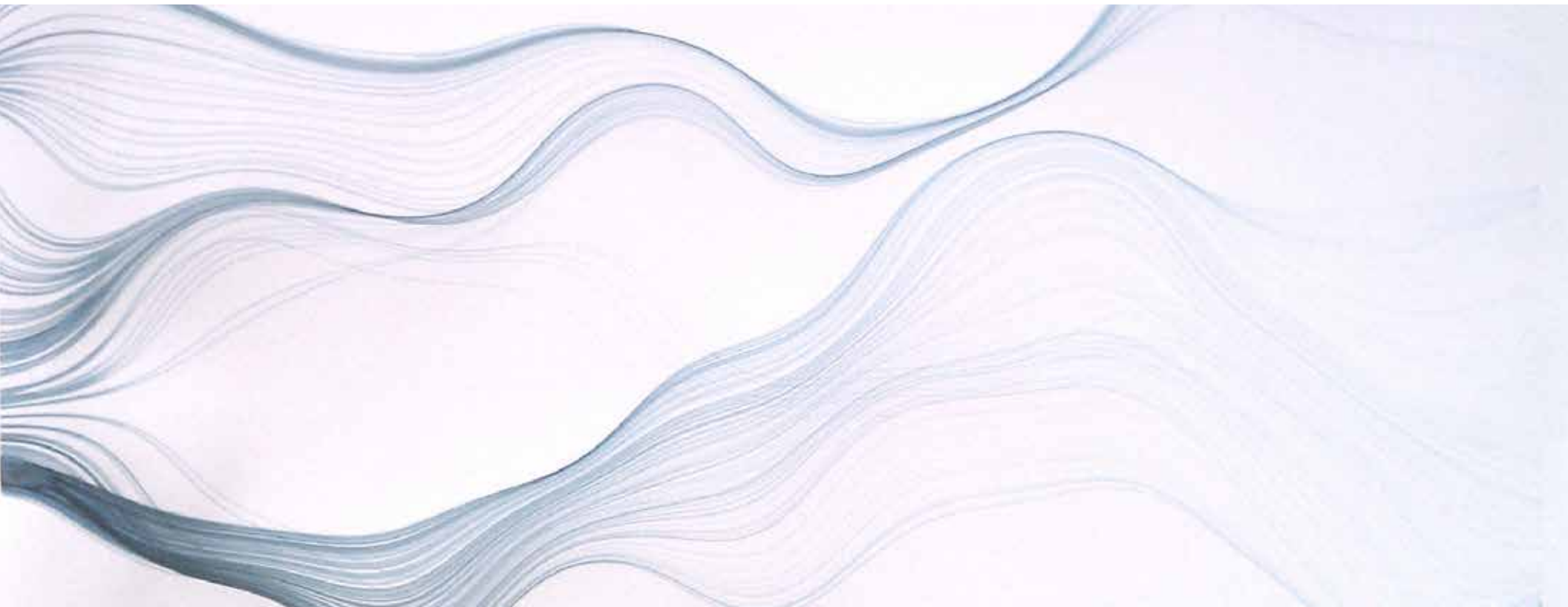




The Million Orchid Project / STEMLab, Miami

Students: Zachary Anderson, Timothy Nash, Tyler Nussbaum, Cristina Cusco, Tom Makowski, Priya Iyer, Nikita Chabra, Jon Russo, Gregory Lafaire, Ali Babowice, Spencer Zimmerman, Luis Miguel Arargones and Jaime Segovia
ARC 609 Design Build Studio, Fall 2015
Faculty: Jim Adamson and Austin Matheson



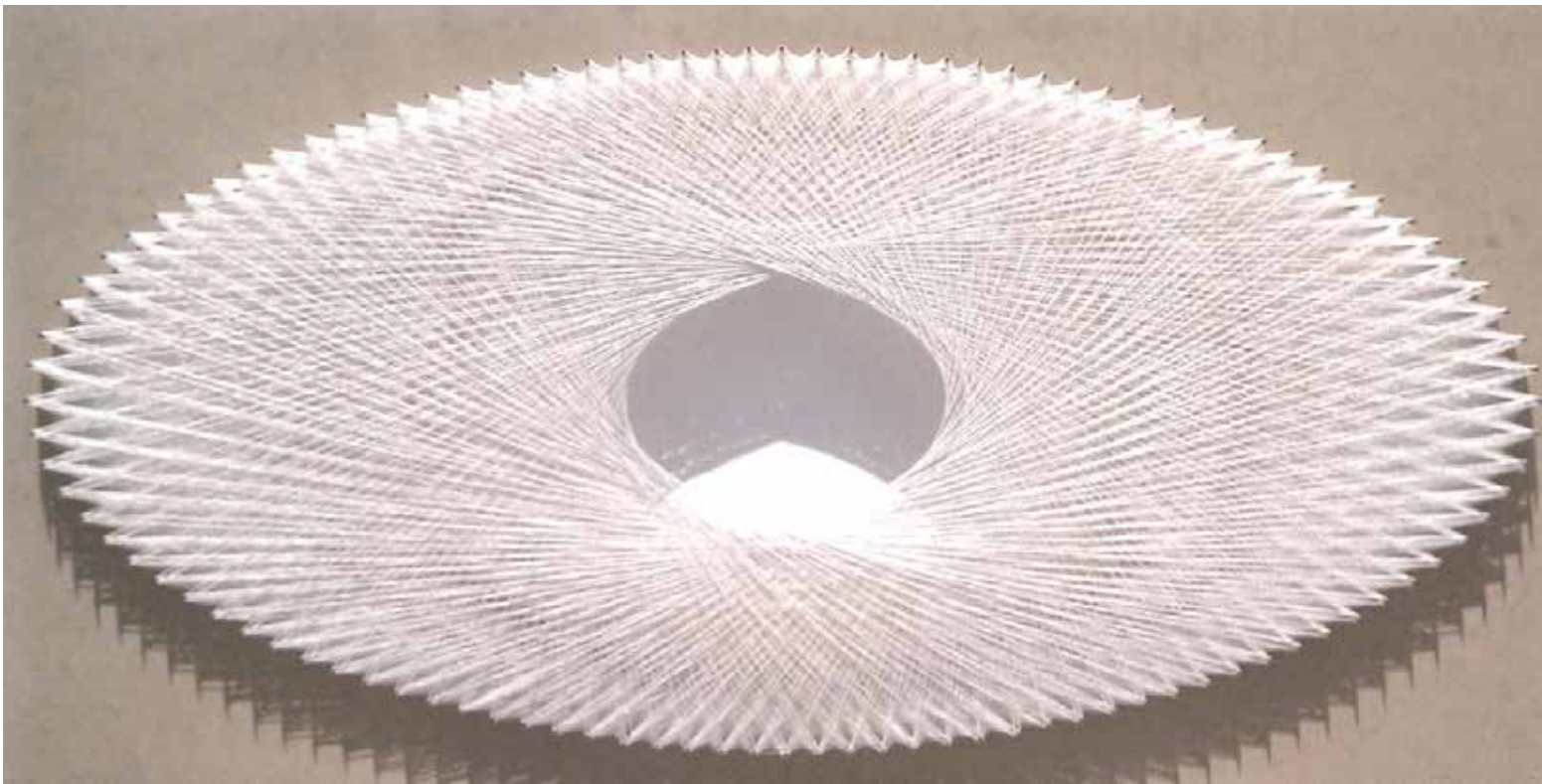


Bench, Miami
Student: Donnie Garcia
ARC 509 Embedded Medical Architecture, Spring 2015
Faculty: Juhong Park



Building Dissolving. Beijing Park, Shenyang, China
Student: Ma Zheng
ARC 610 Thesis, Spring 2014
Faculty: Veruska Vasconez





VORIGAMI

Student: Stefani Fachini
ARC 509 Embedded Medical Architecture, Spring 2015
Faculty: Juhong Park



Q3

VORIGAMI.

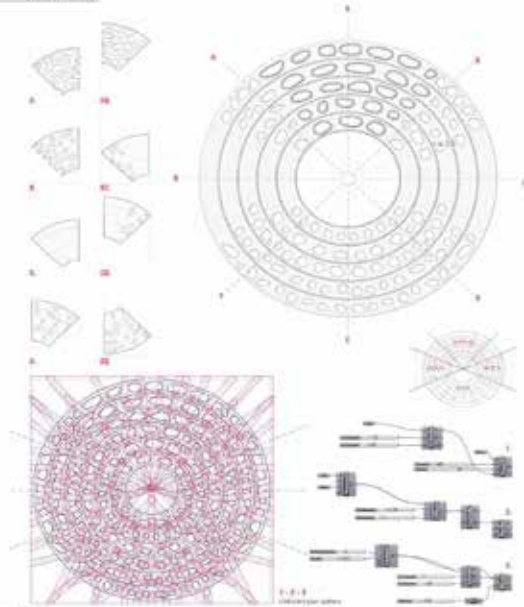
FURNITURE DESIGN STUDY
FABRICACION STUDIO
PROFESSOR JUNGHO PARK
FALL 2015 | SECTION 01-03-03

This exercise brought through a collection of different fabrication methods based on computational design. The final product over the design of a chair in this case, the structure was realized by the new origami fabricator chair. The process of design of the chair shows the integration of a fabricator chair in the design of a chair. The fabricator chair is a chair that is made of a fabricator chair. The fabricator chair is a chair that is made of a fabricator chair. The fabricator chair is a chair that is made of a fabricator chair.

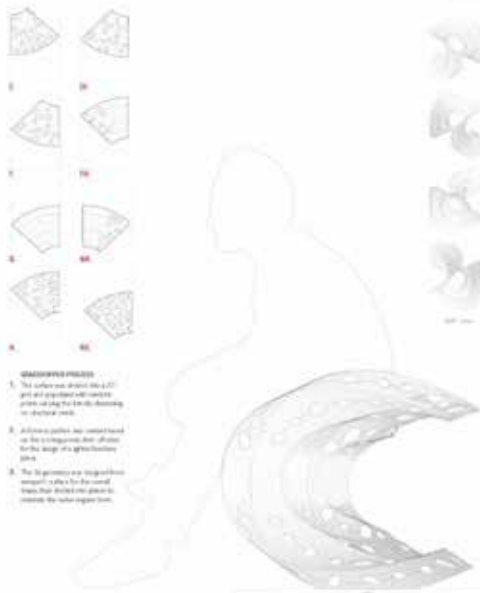


VORIGAMI 01

VORIGAMI 02



VORIGAMI 03



- MANUFACTURING PROCESS**
1. The pattern was drawn into a grid and the grid was divided into smaller parts and they were then assembled in a circular form.
 2. A fabricator chair was used based on the fabrication method of the fabricator chair. The fabricator chair is a chair that is made of a fabricator chair.
 3. The fabricator chair was used based on the fabrication method of the fabricator chair. The fabricator chair is a chair that is made of a fabricator chair.

VORIGAMI 04



Rocky Resort

Student: Antoine Laduron (M. Arch exchange student Université de Nantes, France)

ARC 609 Architectural Design Studio, Fall 2016

Faculty: Allan Shulman

Award: Brown-Jordan award for environmental integration (\$2,500), Fall 2016



Ecological Park: (Re)defining the Edge, Buffalo, New York

Student: Ben Kweller

ARC 610 Architectural Thesis, Spring 2011

Faculty: Allan Shulman

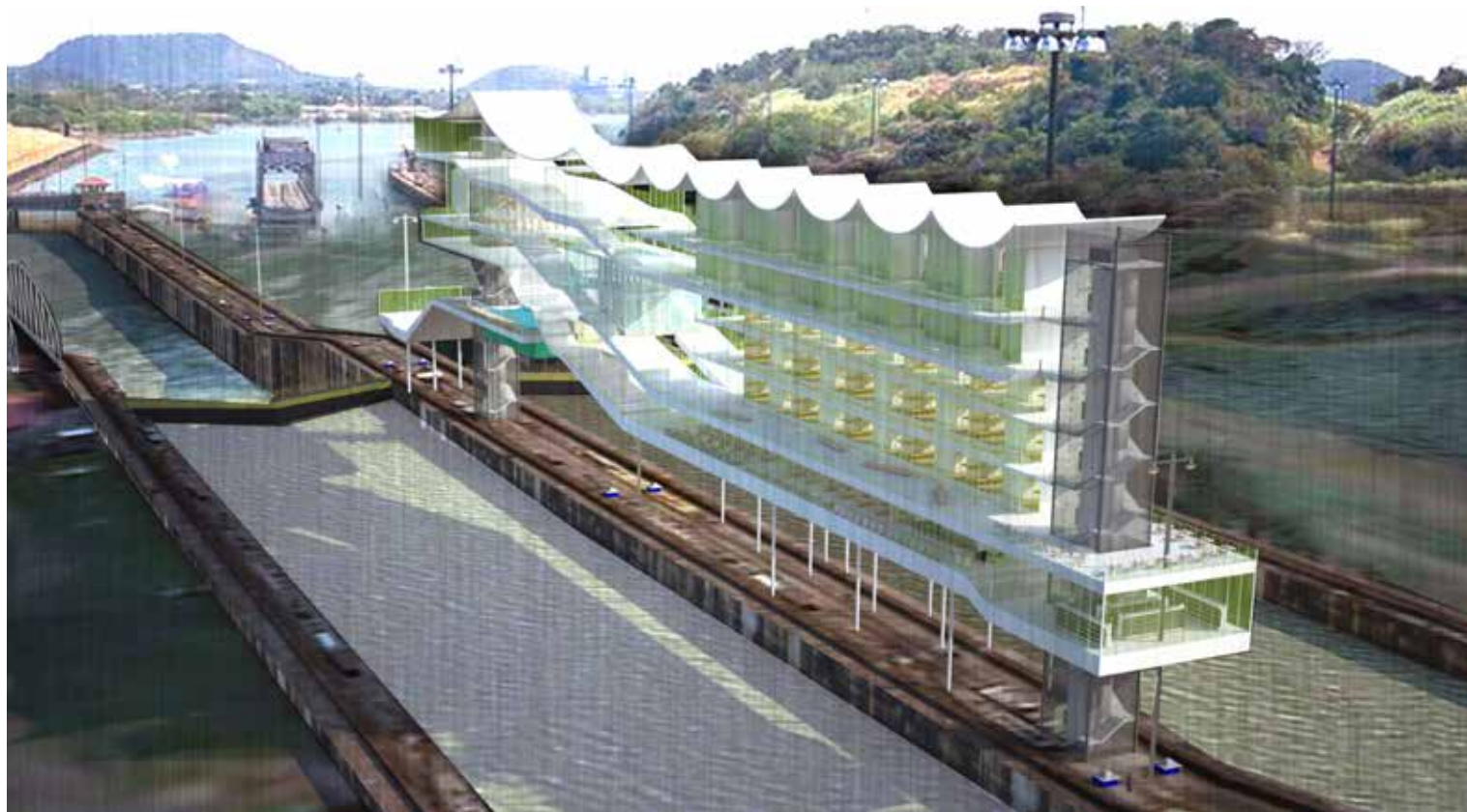
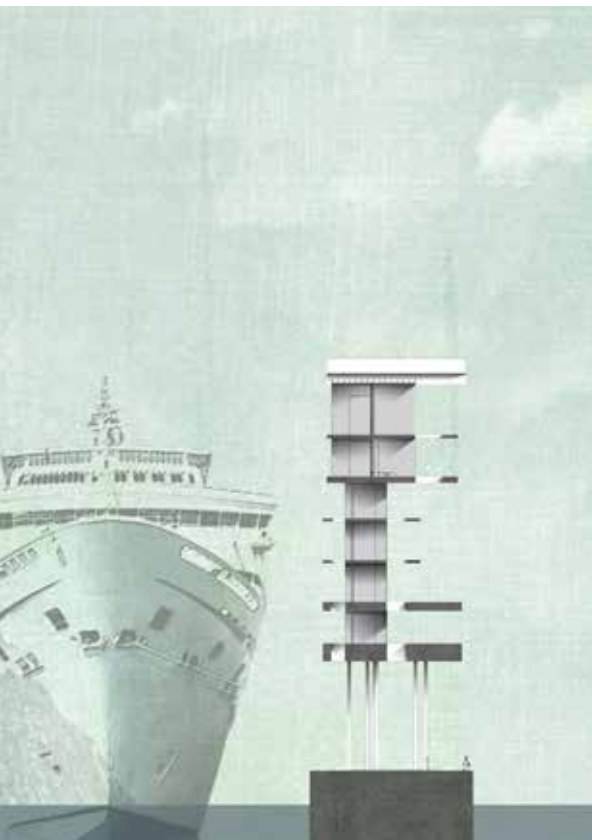


A Housing Project On The Lock, Panama Canal, Panama

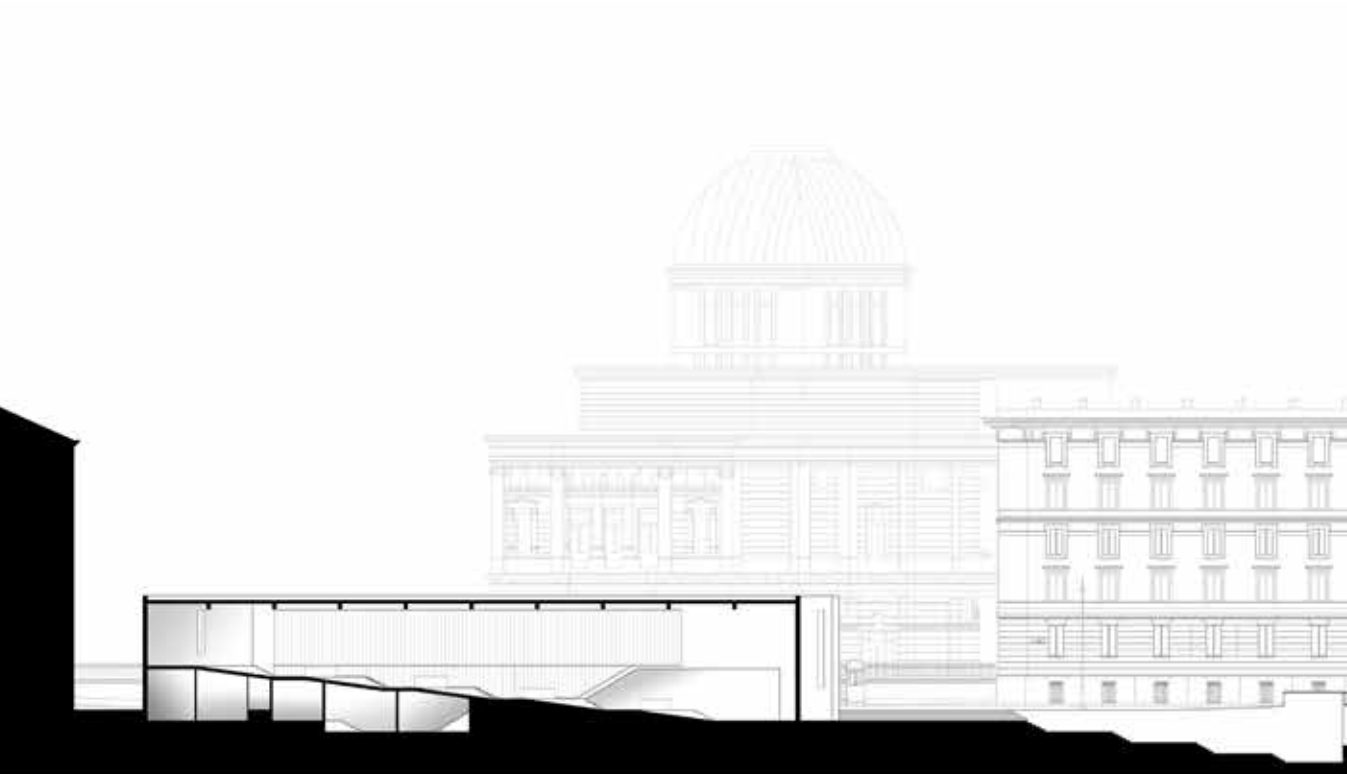
Student: Yutong Jiang

ARC 608-609 Design Studio, Spring 2016

Faculty: Terence Riley and Manuel Clavel



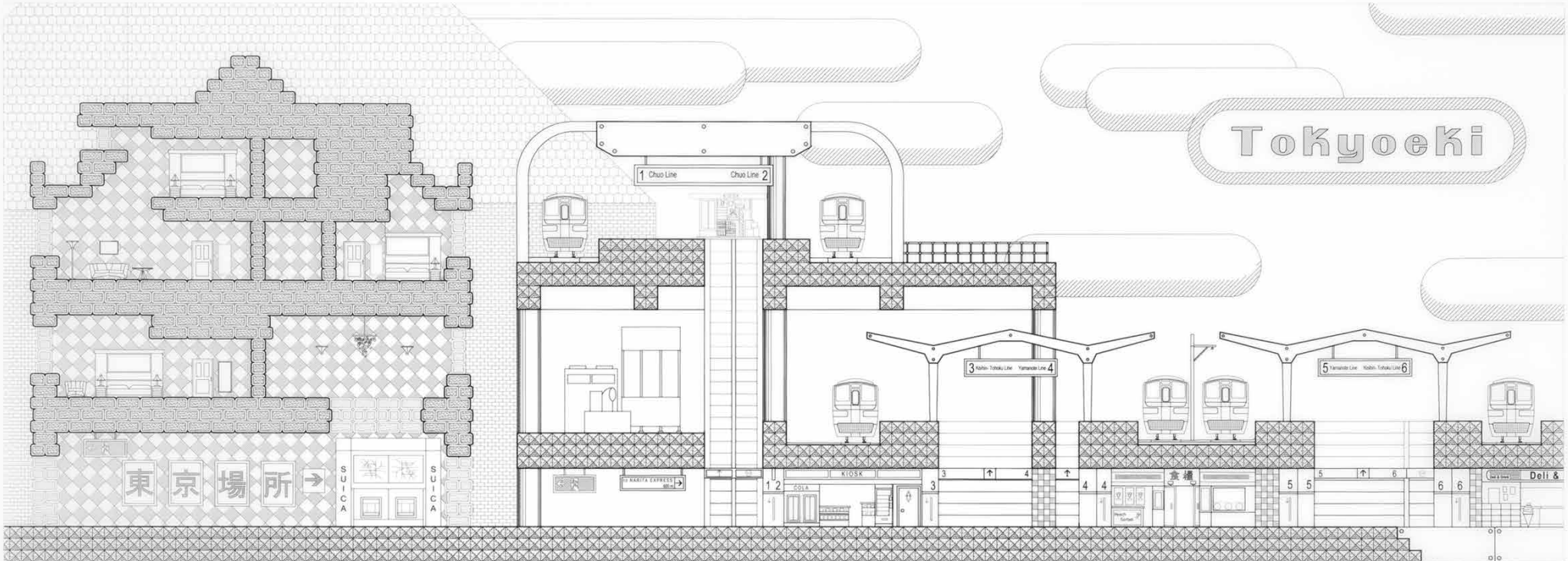
Octavius Fish Market, Sant'Angelo, Rione XI, S. Angelo, Rome
Students: Seiji Anderson and Chad Rigaud
ARC 507 Upper level Design Studio Roma, Fall 2011
Faculty: Rocco Ceo



Tokyo Eki
(The Nintendo Reference)

Students: Michael Geller and Olivia Reynolds
ARC 407-608 Open City Studio, Summer 2009 (Tokyo)

Faculty: Luis Trelles, Teofilo Victoria, Jorge Trelles, Adib Cure, Steve Fett, Carie Penabad and George Stolz

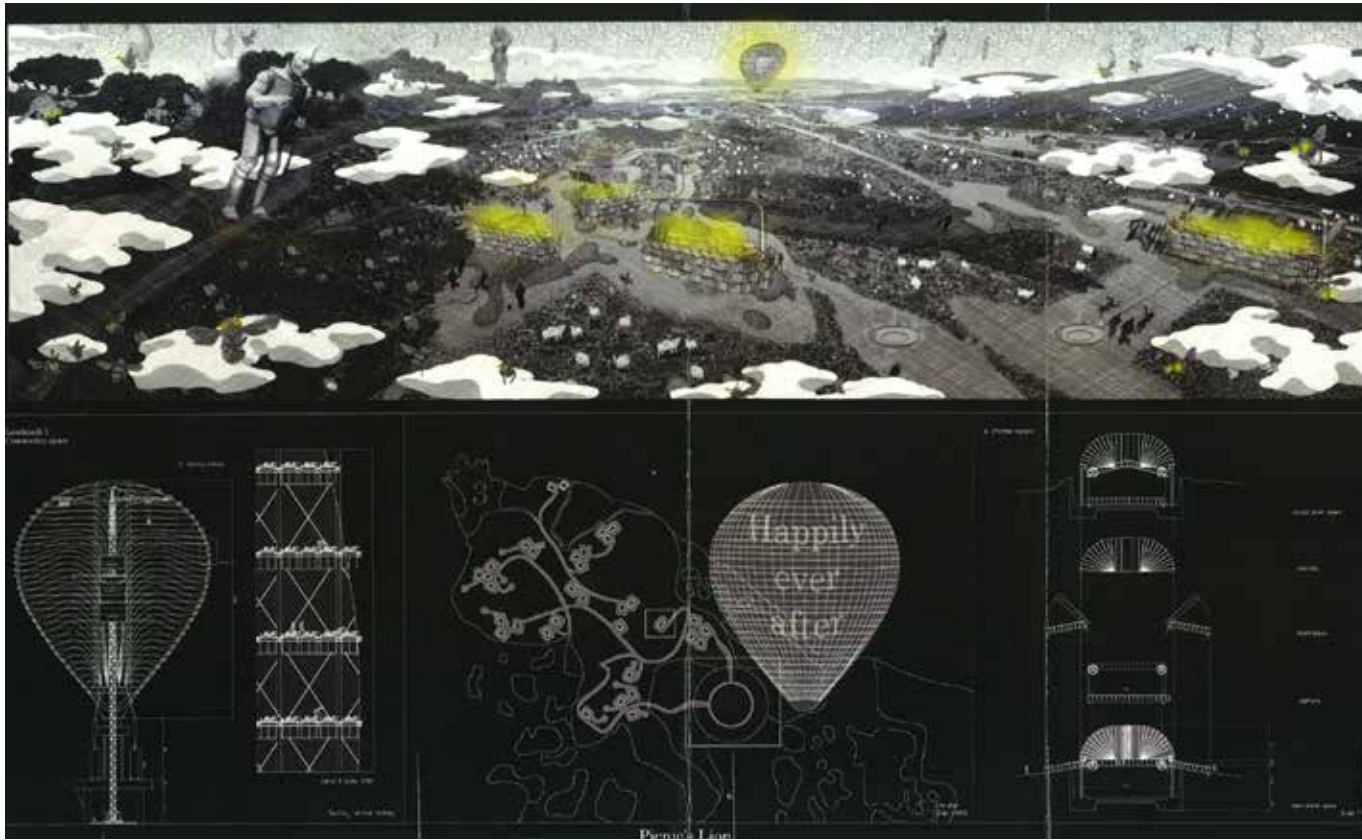


Imaginary Architecture: An Emotional Journey in the Wonderful Happy World of the Mind

Student: Yasmine Zeghar

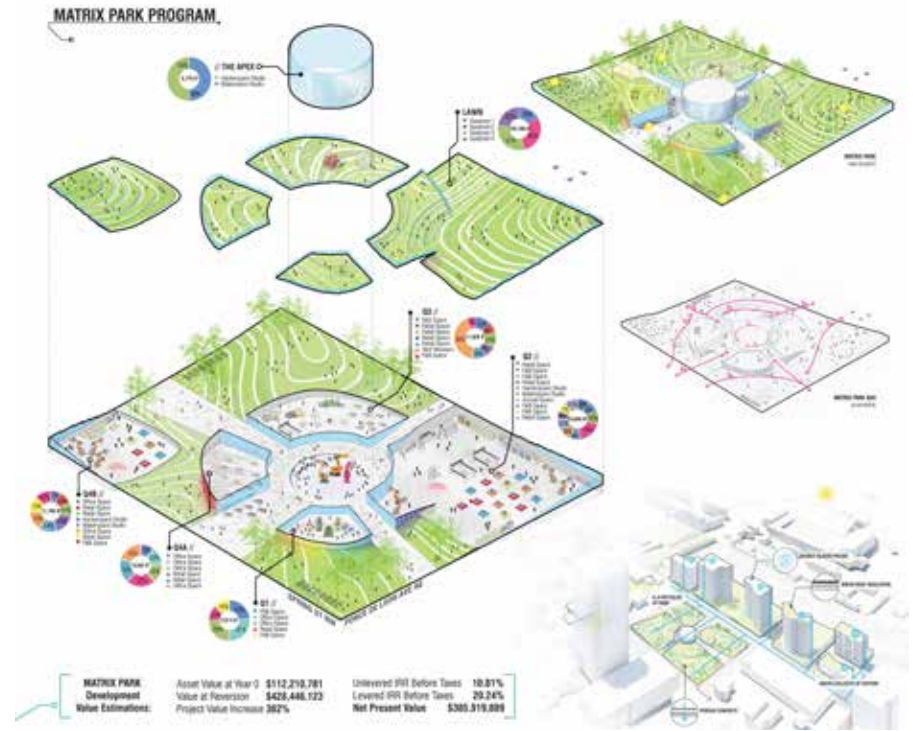
ARC 610 Thesis, Spring 2016

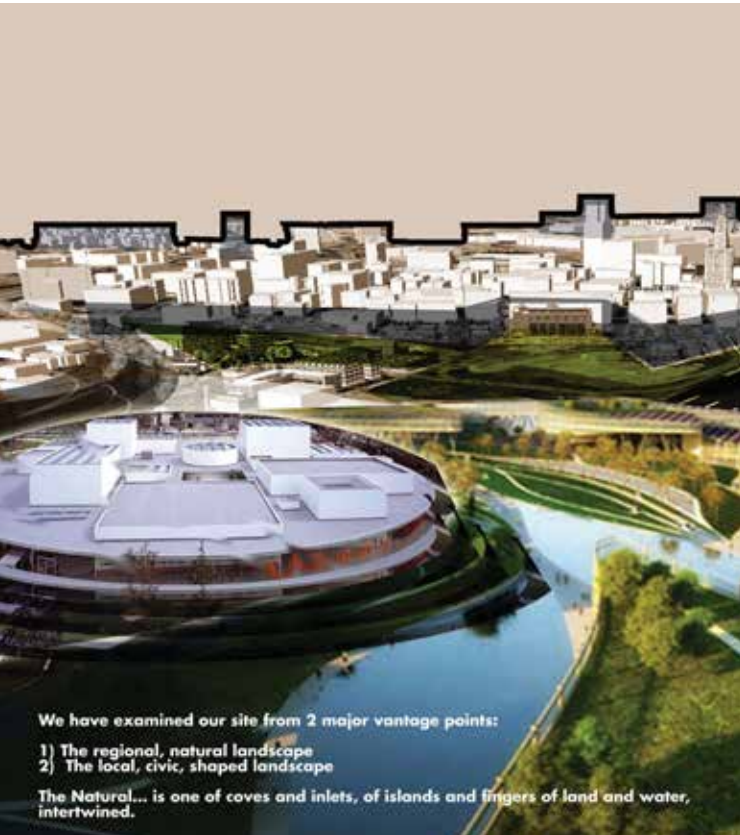
Faculty: Allan Shulman and Katherine Wheeler



Matrix Park - Master Plan for Midtown Atlanta

Students: Gabriel Flores, Lily Kasapi, Stefani Fachini and Melodie Sanchez
ARC 623, Spring 2016
Submitted to ULI Hines Competition, (\$10,000) ULI Finalist Team





Nantes Cultivate. *Bas Chantenay Urban Development, Nantes France*
Students: Jordan Bradley, David Chonillo-Breith and Ashley Drake
ARC 608-609, Fall 2011- Nantes France
Faculty: Eric Firley



A New Urban Type for Tianjin, Tianjin, which North of China

Student: Bo Li

ARC 610 Architectural Thesis, Spring 2014

Faculty: Veruska Vasconez and Jaime Correa



The Heart of Providence, Providence, Rhode Island
Students: Eugene Stratton, Shraddha Nadkarni and Qingxin Yu
ARC 602 Urban Design Studio, Spring 2013
Faculty: Allan Shulman



Slab in the Face: Weimar West Urban Infill. *Weimar, Germany*
Students: Deema Habis and Elbert Whitfield
ARC 602 Urban Design Studio, Spring 2014
Faculty: Eric Firley and Li Yi



Intermodal Station, Farmer's Market and Resiliency Center, Arch Creek Basin, Miami

Students: Kaidi Wei, Jessica Masangu and Siyu Wang

ARC 407-509 Upper Level Design Studio, Fall 2016

Faculty: Sonia Chao and Katie Hagemann



La Conessione, Rome
Student: Elizabeth Stanton
ARC 603 Urban Design Studio Roma, Summer 2013
Faculty: Jean-François Lejeune



Microhousing at Mana Wynwood

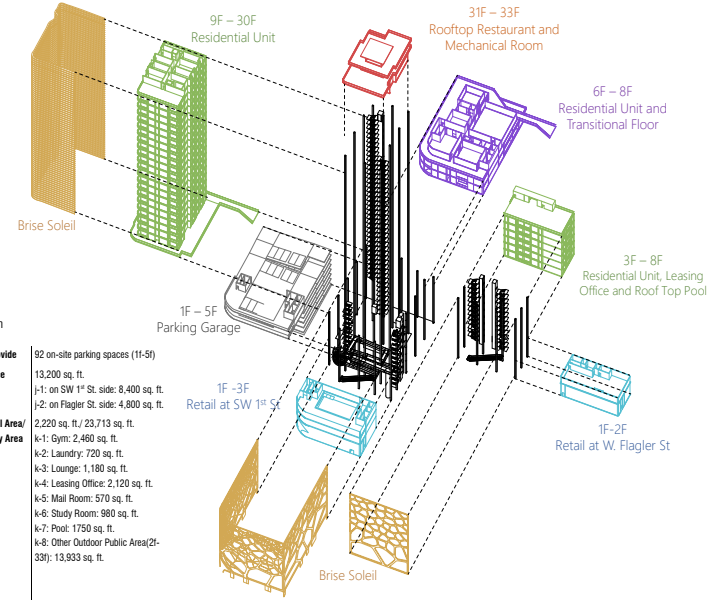
Students: Stefani Fachini, Melodie Sanchez, Irene Balza, Chiou Yi Wei and Abhirajika Agrawal
 ARC 607 Upper-level Design Studio, Spring 2016

Faculty: Jake Brillhart and John Onyango, in collaboration with Charles Bohl and the M.R.E.D.+U. program

ARCHITECTURE AND DESIGN



DEVELOPMENT PROGRAM



Building Composition

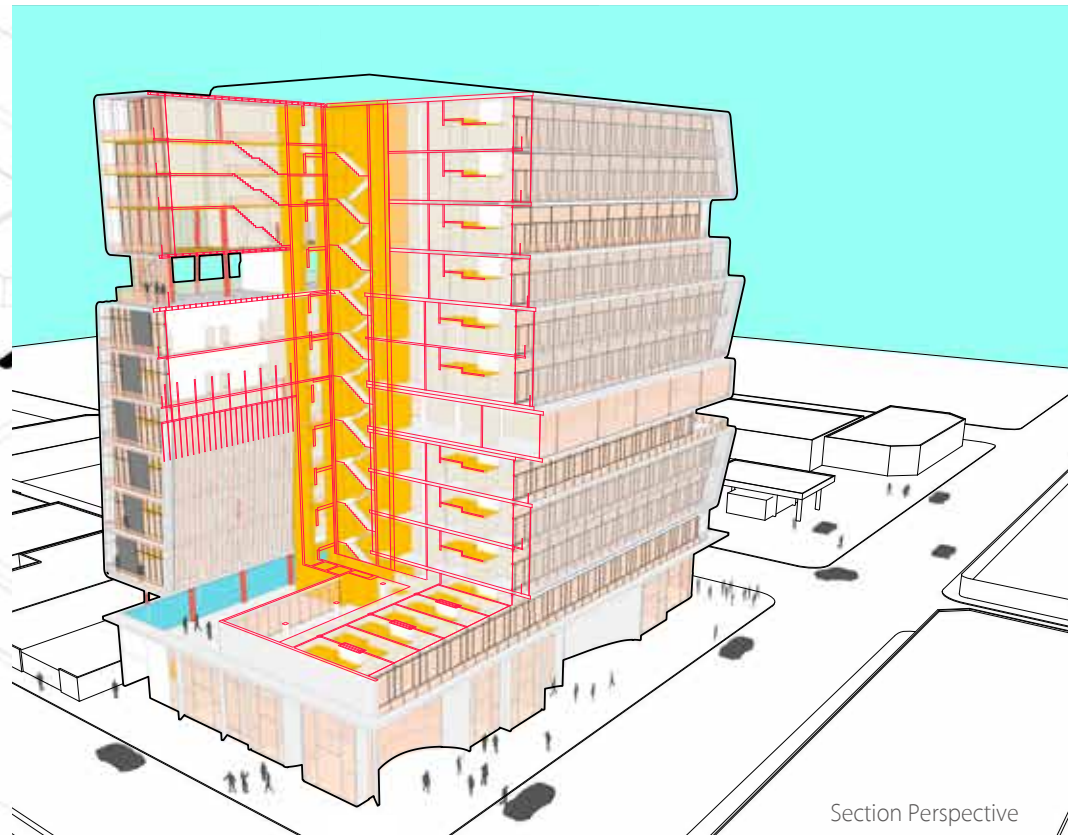
a. Lot Area	22,117 sq. ft.	l. Parking Provide	92 on-site parking spaces (1F-5F) 13,200 sq. ft.
b. Lot Coverage	17,562 sq. ft.	j. Retail Space	13,200 sq. ft. f-1: on SW 1 st St. side: 8,400 sq. ft. f-2: on Flagler St. side: 4,800 sq. ft.
c. Total Floor Area / FLR	277,126 sq. ft. / 12.53	k. Mechanical Area/ Public Facility Area	2,220 sq. ft. / 23,713 sq. ft. k-1: Gym: 2,460 sq. ft. k-2: Laundry: 720 sq. ft. k-3: Lounge: 1,180 sq. ft. k-4: Leasing Office: 2,120 sq. ft. k-5: Mail Room: 570 sq. ft. k-6: Study Room: 980 sq. ft. k-7: Pool: 1750 sq. ft. k-8: Other Outdoor Public Area(2f-33f): 13,933 sq. ft.
d. Open Space Area	4,555 sq. ft.		
e. Stories	33		
f. Floor Height	25 ft. for 1 st floor, 14ft. for all the other		
g. Building Height	473 ft.		
h. Dwelling Unit	252 du h-1: 330 sq. ft. : 140 du h-2: 380 sq. ft. : 44 du h-3: 420 sq. ft. : 5 du h-4: 550 sq. ft. : 52 du h-5: 1,200 sq. ft. : 2 du h-6: 1,500 sq. ft. : 2 du h-7: 1,800 sq. ft. : 7 du		

Microhousing at Mana Wynwood

Student: Jie Su

ARC 607 Upper-level Design Studio, Spring 2016

Faculty: Jake Brillhart and John Onyango, in collaboration with Charles Bohl and the M.R.E.D.+U. program



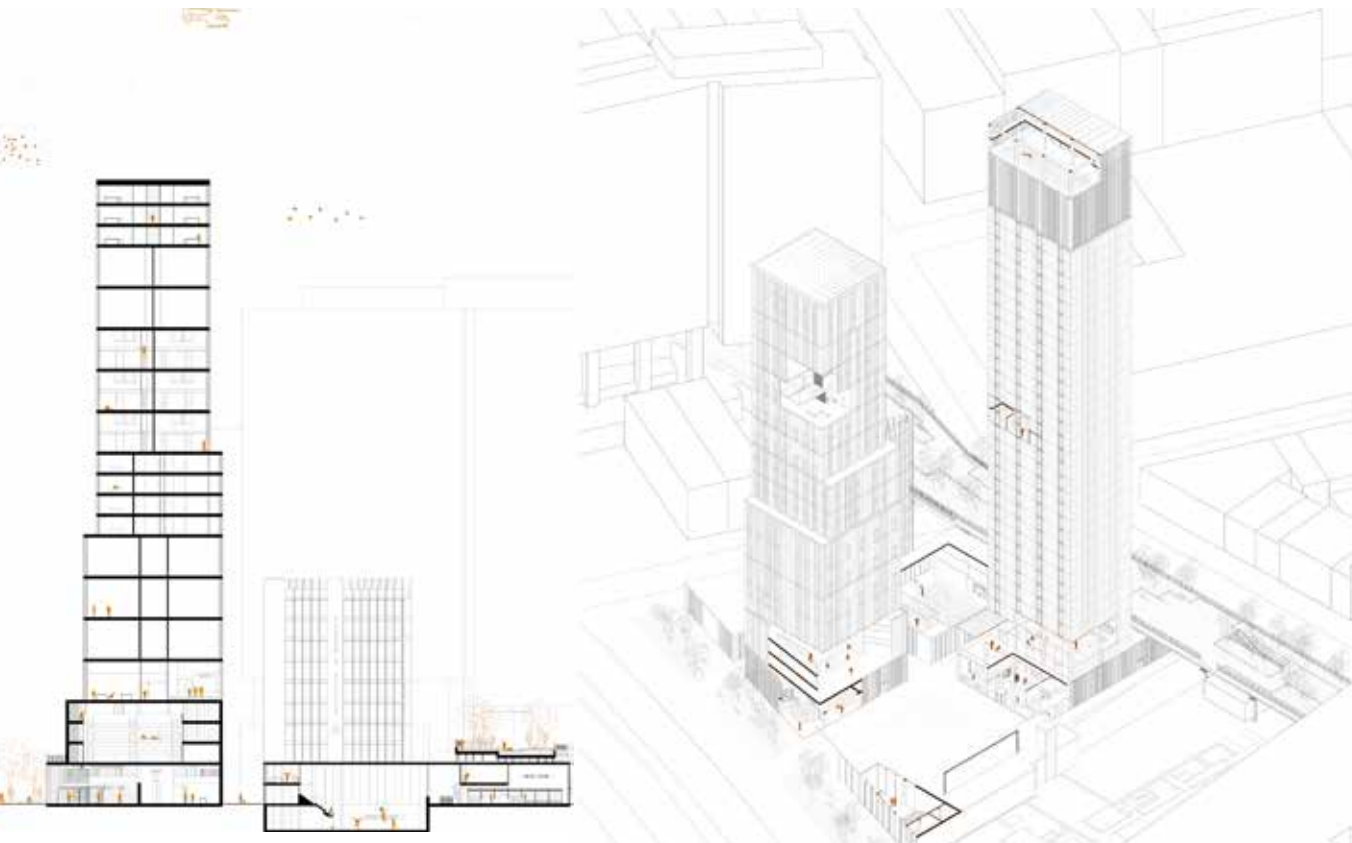
Section Perspective

Whitney Museum Tower, New York

Students: Antoine Laduron and Valentin Secq (M. Arch exchange students Université de Nantes, France)

ARC 609 Upper Level Skyscraper Studio, Spring 2016

Faculty: Roberto Behar



Kithouse-Style Market and Retails, Panama Canal, Panama

Student: Haoyu Wang

ARC 608-609 Design Studio, Spring 2016

Faculty: Terence Riley and Manuel Clavel



Tokyo Dream

Student: Ge Yang

ARC 408-608 Open City Studio, Summer 2014 (Tokyo)

Faculty: Teofilo Victoria, Jorge Trelles, Adib Cure and Steve Fett

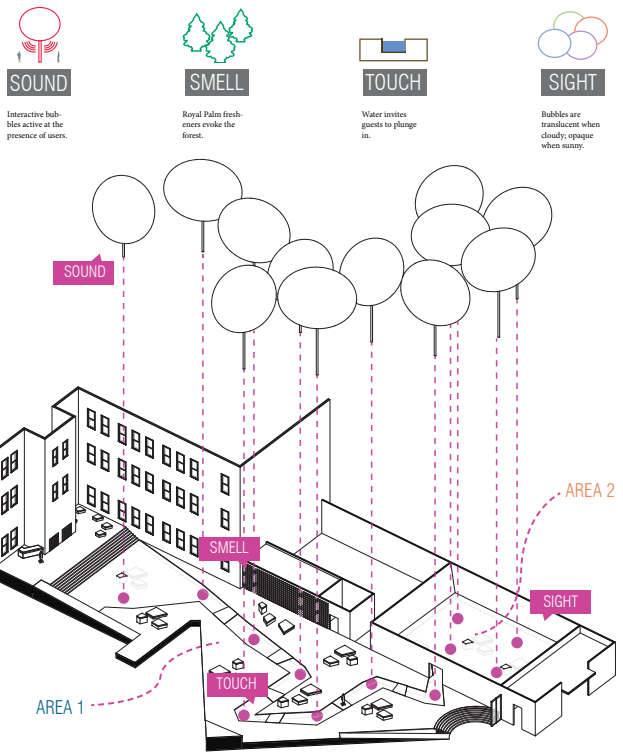


LA LA LAND, New York

Student: John Chang

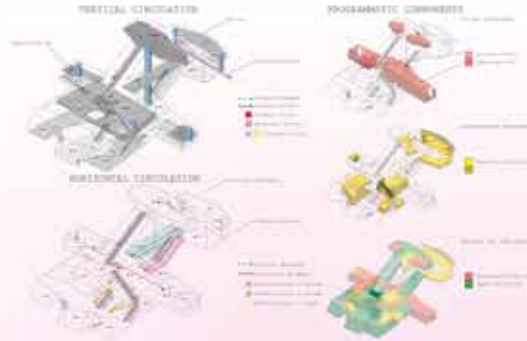
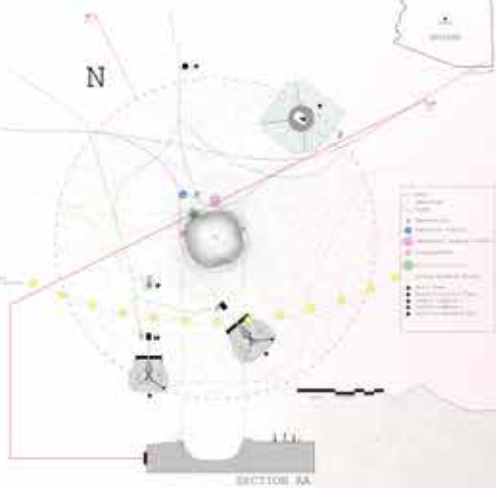
ARC 609 Upper Level Graduate Studio 'Space between Spaces', Summer 2013

Faculty: Joachim Perez

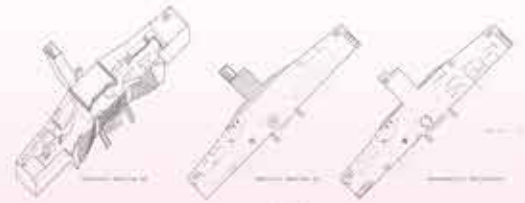


M.A.R.S.

Meteor Crater Aerospace Research Society



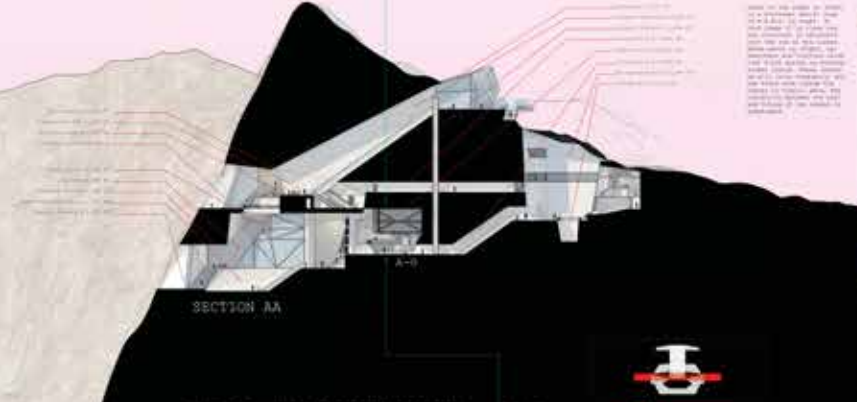
M.A.R.S. - EXPLORATORIUM DRAWINGS

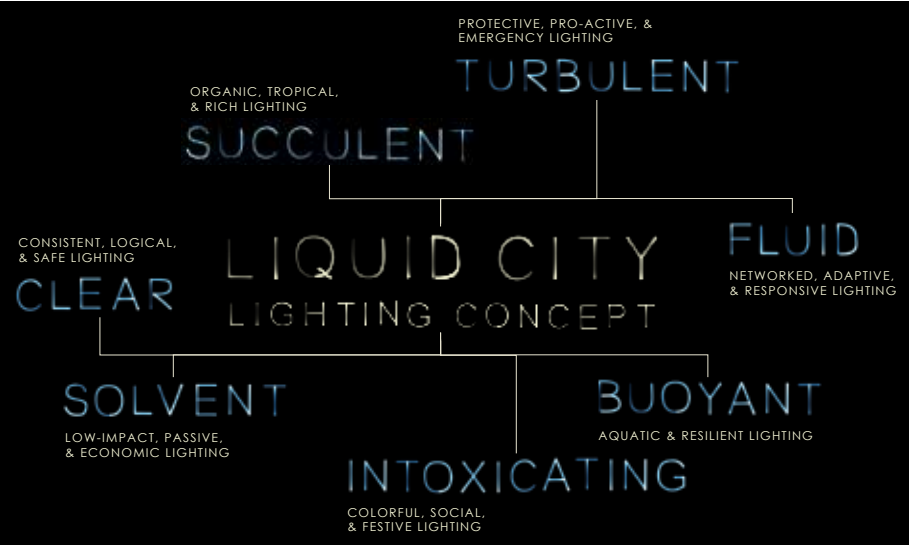


The building is designed to be a multi-level structure that follows the natural contours of the crater rim. The design is inspired by the rugged terrain and the scientific nature of the site. The building is designed to be a multi-level structure that follows the natural contours of the crater rim. The design is inspired by the rugged terrain and the scientific nature of the site.



M.A.R.S. VERTICAL SECTION





2 BASIC PRINCIPLES OF RESPONSIBLE LIGHTING:

1. Light with the Appropriate Color



2. Light Only Where It's Needed



Mobile Chicken Coop, Redland, South Florida

Students: Samuel Wyner, Rogelio Delgadillo, Nicolas Delgado Alcega, Lacey Stansell, Megan Pimentel, Maura Gergerich, Jessica Stefanick, Adriana Mackliff, Taylor Brophy, Xinyu He, and Asrar Jasem
ARC 609 Design Build Studio, Fall 2016
Faculty: Rocco Ceo and Jim Adamson



Everglades Eco-tent Prototype, Flamingo, Everglade National Park

*Students: Glenn Laaspere, Giancarlo Belledonne, Carlo Guzman, Kelly Sawyna, Meagan Sippel, Catherine O'Sullivan, Michael Galea, Violet Battat, Ruslana Makarenko, Sam Vana and Hao Luan
ARC 609 Design Build Studio, Fall 2011
Faculty: Rocco Ceo and Jim Adamson*



Origami Lighting Fixture Design and Fabrication

*Students: FNU Abhirajka, Claudia Aguado, Anthony Carden, Ariela Cassinelli Barac, Yi Wei Chiou, Xiaodi Liu, Nika Mirrafie, Carlos Morales Mangual, Sheena Ramnarine, Jie Su
ARC 663 Environmental Building Systems II: Lighting and Acoustics, Fall 2015
Faculty: Juhong Park*





// Staff and Contacts

The Office of Academic Services provides direct student support throughout the program.

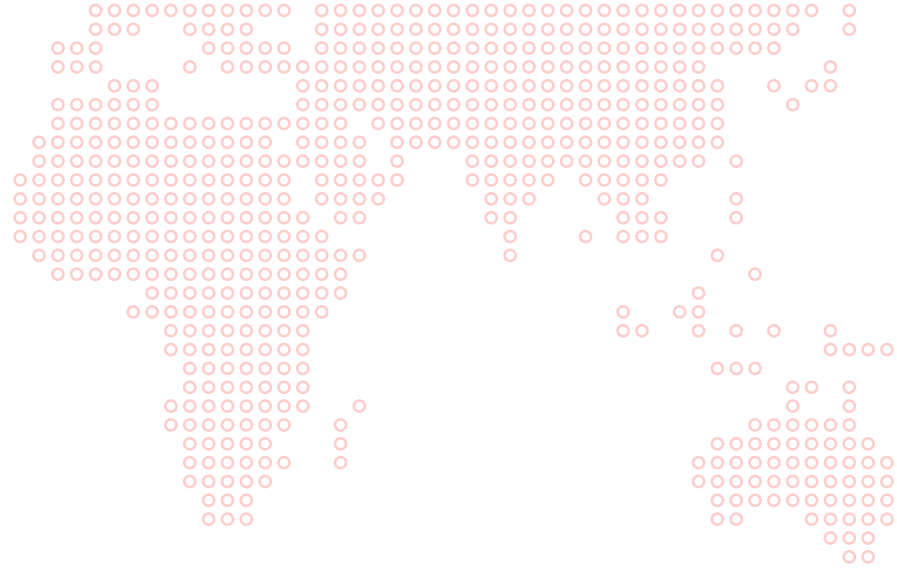
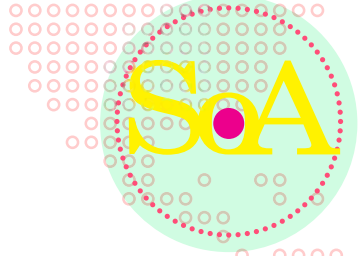
These services include the coordination of academic records and services across the University, including Admissions, Financial Assistance and Student Employment, Ombudsperson, the Toppel Career Center, Housing, and Student Affairs. Additionally, teams work in the Office of the Dean in the areas of Budget and Programs, Information Technology, the Model Shop; U-SoA's team in communication and advancement work closely with faculty and students.

For Graduate Programs inquiries please contact the Graduate Advisor, Nicole Hejazi.


⌘ Ana M. Regalado
Academic Services, Assistant Dean
(305) 284-3731
anaregalado@miami.edu


⌘ Nicole Hejazi
Academic Services, Assistant Director / Graduate Advisor
(305) 284-3060
nhejazi@miami.edu

⌘ TBD
Academic Services, Career Placement & Advising
(305) 284-3731



June 2017



UNIVERSITY OF MIAMI
SCHOOL of
ARCHITECTURE

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arc.miami.edu

