INTRODUCTION

Extra-curricular activities at the university are often seen as distractions from the so-called normal course of one’s studies. These activities more often than not are understood as “releases” from the demands of academic pursuits, moments where the mind might find rest.

The Master of Architecture is a demanding curricular quest that is pursued by individuals possessing a passion for the discipline. Like all passions, the neat categories of work and play fall apart and notions of the extra-curricular disappear. What is left is a seamless event: a life lived with intensity.

With this in mind, the faculty of the department work to provide our students with an extraordinary education: one that spills out of the confines of both classroom and campus.

This fall, we inaugurated our first internship program: The Integrated Path to Architectural Licensure (IPAL) program certified by the National Council of Architectural Registration Boards (NCARB). Six of our most talented students and five noted architectural firms have set off on a three-year long partnership which will provide these fortunate students with required internship experience, a paid job and the opportunity to take and pass the Architectural Registration Exam prior to graduation.

Additionally, our study abroad programs continue to expand. This past summer 49 students participated in our Japan Study abroad program! We have also begun our first year-long Genoa Study abroad program with a cohort of students who will finish their academic careers abroad with our very first Genoa Master Project Studio sequence!

It is indeed a great moment for our department: one that sees our students engaging in new and expansive models of a global education.

Jason R. Chandler, AIA
Chair and Associate Professor
Department of Architecture
Florida International University
College of Communication, Architecture + The Arts
The Florida International University Master of Architecture Program is one of five new architecture programs nationwide accepted to the Integrated Path to Architectural Licensure (IPAL) initiative by National Council of Architecture Registration Boards (NCARB). FIU Architecture is now home to the only IPAL program, public or private, in South Florida.

Launched in 2015, IPAL is a structured approach to licensure for students who are pursuing a career in architecture. In those states whose licensing boards accept IPAL, the initiative enables accredited architecture programs to incorporate the full practicum and examination elements required for professional licensure into their academic curricula. This makes it possible for students to earn their diplomas and professional licenses simultaneously.

IPAL was designed to shorten the number of years typically invested in becoming a licensed architect. According to NCARB, it currently takes an average of 12.5 years to attain licensure in the United States. At FIU, participants in the IPAL program will be offered an opportunity to cut that time in half. Their program of studies will incorporate mentored, compensated professional experience as well as support in preparing for the licensing examination.
Every summer since 2008 graduate students and young architects gather from all around the world, to participate in the Architecture and Landscape workshop organized by Lab-A, an architecture laboratory space for research and creative transversality founded and directed by RCR Arquitectes. This year was the 10th anniversary of RCR’s Summer Workshop and select participants were hand picked by an international call based on design abilities, sensibility and experience. Masters candidate Juan Manuel Gatica was chosen as one of the lucky participants take part in the summer workshop.

The Workshop took place from the July 31, 2017 until August 18 at Barberi Space, a restored old bell foundry transformed into an architecture, creativity and innovation playground. During the 3 weeks, the Barberi office space was completely transformed into learning space that hosted 90 young architects from 28 different countries.

This year the focus of the research was on the theme of space. What is essential for creating experiential spaces, and how unique experience are born from a specific place. For that it was encouraged to investigate into concepts such as the void, matter, light, time and silence. The objective was to generate and gestate a critical mass in the research of space, to take the results as reference in the matter.

Throughout the three week program, Gatica was able to collaborate with other young architects and participate in architecture competitions and firm tours. This one of kind, enriching experience allowed him to learn, gain direct feedback and personal insight from architects and design professionals.
The Miami Chapter of American Institute of Architects (AIA) hosted its annual Design Awards Gala on Friday, October 27, 2017 at the historic Olympia Theater in Downtown Miami.

The annual gala celebrates architecture and design and raises funds through a silent auction for the AIA Miami Scholarship Fund. The scholarships are given to select architecture High School and College students from Design and Architecture Senior High (DASH), Florida International University, University of Miami and Miami Dade College.

Among the scholarship recipients, various design and recognition awards are given out. Masters candidate Jorge Tubella was the presented with the 2017 AIA Student of the Year Award.

“I am honored and humbled to receive this award. It came as a surprise to me because I have been doing what I always do in life - which is to work diligently on any of my assignments and interest,” he continued, “I thoroughly enjoy both my studies and my work as FIU’s Robotics lab (RDF) lab coordinator. I look forward to being part of the department’s implementation of digital technologies and sharing knowledge with others.”
ARCHITECTURE STUDENTS AWARDED IN ROBOTICS AND DIGITAL VISUALIZATION LAB COMPETITION

Graduate Design 10 students in the studios of Professors Jaime Canaves, Claudia Busch and John Stuart participated in a fast-paced, two-stage design competition, challenging them to propose a new CARTA Robotics, Digital Fabrication and Visualization Lab, to be constructed on the Paul L. Cejas Architecture complex at FIU Modesto Maidique Campus. The approximately 7,000 SF lab is intended to support state-of-the-art student and faculty research and innovation, while showcasing the newest CARTA technology investments. Embracing both its location in South Florida, a geographic epicenter of climate vulnerability, and its position in the heart of one of the nation’s largest public research universities, the new Robotics Lab is also intended to serve as a demonstration project for 21st century resilience in building construction.

The student teams designed a lab to support FIU students and faculty as they employ robotic automation, digital fabrication, and new sensor-guided manufacturing processes at a broad range of material scales. Incorporating the immersive interactive capabilities of the FIU ICAVE [Integrated Computer Augmented Virtual Environment], as well as new capacities in virtual, augmented and mixed-reality technology, the proposals were designed to support new ways of visualizing and making. Taken in conjunction with the FIU Solar House, designed and built by CARTA and COE students and faculty, competitions were asked to imagine the new Robotics Lab as a critical part of the learning and research resources available to FIU-CARTA students.

First Place Team
Rayni Kovacs
Ricardo Henriques

Second Place Team
Kevin Redolta
Julio Martelo

Third Place Team
Monica Chan
Joyce Alayna
While studying metal panel fabrication as part of Nick Gelpi’s thesis studio “Ferrous Forms of Architecture” his studio traveled to Kansas City where they were given a tour of the Zahner headquarters where they were able to get firsthand experience with different methods of metal fabrication first hand and received feedback and input from designers and creators from Zahner.

The trip also included firm visits to El Dorado Studio, Huft Projects as well as trips to great architectural marvels such as the Nelson-Atkins Museum of art designed by Steven Holl and the Kauffman Center for the Performing Arts designed by Moshe Safdie.
In preparation for their Thesis “Delirious L.A” Neil Leach traveled with his seminar students to Los Angeles to learn about the city and its culture. While in LA they spent time at the Sci-Arc and the University of Southern California where they learned about 3D Printed wearables from Benhaz Farahi, Niccolo Casas, Rem D Koolhaas, Viktoria Modesta and more.

The trip also included visits to The Broad, Frank Gehry’s Walt Disney Concert hall, the newly redesigned Peterson Automotive Museum, Ennis house by Frank Lloyd Wright and the Venice Beach Boardwalk among many more.
As part of the research conducted with students during the Seminar: Rethinking the Glass House, we planned a field trip to New York city and vicinity to visit the iconic Glass House by renowned architect Philip Johnson, and some other buildings and institutions.

For 3 days students were exposed to architecture and glass in different modalities and built from 1949 until 2015, as was the case of the Glass House and Grace Farms by the awarded Japanese architecture firm SANAA. Part of the research consisted in understanding Art in Space and the characteristics of hybrid buildings.
EVENTS
Our Lecture series this year kicked off during the Fall Semester with lectures from three great Architects. Check out details of the three lectures below:

Ciro Najle is the former Director of the Landscape Urbanism Graduate Design Program and Diploma Unit Master at the Architectural Association in London, and has taught at different architectural schools and institutions worldwide, including Cornell University, Columbia University, the Berlage Institute, and the University of Buenos Aires. Director of GDB (General Design Bureau) and previously of MID, Young Architect of the Year Second Prize in London in 2001, he has practiced in Buenos Aires, New York and London since 1991.

Gilles Retsin is a London based architect and designer investigating new architectural models that engage with the potential of increased computational power and fabrication to generate buildings and objects with a previously unseen structure, detail and materiality.

Philip F Yuan presently specializes in researching the following topics: Integrating Traditional Local Materials with Computational Design technology, the Robotic New Craftsmen and Prototyping the Future Digital Architecture Factory. This lecture focuses on the methodology Professor Yuan and his team from Tongji University use for bringing computational design and digital fabrication to projects across China where they use local materials and local design concepts in innovative ways.

**FALL LECTURE SERIES**

**THIS SEMESTER FIU SOA WELCOMED CIRO NAJLE, PHILIP YUAN AND GILLES RETSIN**
On November 9, 2017, the FIU Department of Architecture hosted another successful Walk on Water event. In its 28th consecutive year, the Walk on Water competition attracted hundreds of spectators, local news outlets, and 40 student teams as participants.

This year, the student team of Juan Vega and Ana Moreno took 1st place and broke the record of 1 min and 3 seconds. The team received a scholarship of $1,000 and was awarded an additional $1,000 for breaking the record. Title sponsor, CGI Windows & Doors presented the winners with the award.

The competition was also opened to external universities and international participants. Jao Pedro Saraiva, an architecture major from Palm Beach State College, won the external scholarship and Lillián Esqueda Mena, a marketing and communication major from Tecnológico de Monterrey in Mexico, was the international scholarship winner. Both participants traveled to Miami to participate in the architecture design event.

Congratulations to all participants, sponsors, and organizers who made this event possible. Special thanks to CGI Windows & Doors and South Motors Miami for supporting CARTA and the Department of Architecture.
Florida International University's Department of Architecture graduate students exhibited their visions for the future of the City of Sweetwater at Miami Beach Urban Studios (MBUS) Design Gallery throughout Art Basel 2017. “New City Spirit: Visions for Sweetwater”, sponsored by University Developments, showcased drawings, models, booklets and 3D printed media, which focused on the reimagining of the neighborhood just north of FIU’s Modesto Maidique campus (MMC).

The projects were on exhibit during Miami Art Week from December, 6th to December 13th and the grand opening hosted over 100 attendees. The exhibition included both pragmatic and utopian designs and reflects a young generation’s take on the future of the city. Projects included a linear park along SW 8th Street, a new city hall, and schemes for a new urban vision for the entire area.

Nearly 100 students from the Graduate Design 5 studios participated in this collaboration with University Developments who were also involved throughout the semester reviewing the students’ innovative works. “Our goal this semester was to stimulate a discussion on how to improve our surrounding neighborhood as FIU continues to grow,” said Cynthia Ottchen, FIU Department of Architecture Professor. “Working in tandem with the City of Sweetwater, our students were challenged to examine how urban rules work to organize a neighborhood and give it definition and identity, and how public buildings work in that context.”
This past Summer 13 students from Design 7 & 10 studios joined professors Cynthia Ottchen and Jordan Trachtenberg traveling to Europe with stops in London, Berlin and Dessau. During the two weeks they learned about the urban development of these two great cities and visited many architectural landmarks both historical and recent by architects such as Herzog & de Meuron, Foster & Partners, Richard Rogers, Jean Nouvel, Renzo Piano, Le Corbusier, Oscar Niemeyer, Mies Van der Rohe and more.

The trip also included private tours of the Bauhaus building as well as the surrounding Walter Gropious homes and Firm visits to Norman Foster and Zaha Hadids offices in London.
This past Fall 21 students from the School of Architecture traveled with professor Alfredo Andia to live and study in Genoa for the Fall Semester. This marks the 13th consecutive year that FIU has hosted this program in the maritime city of Genoa.

FIU’s study abroad program in Genoa is based on the experience of living in an Italian city with a rich present and a complex history. Students are encouraged to immerse themselves in the city, and with the students and faculty of the University of Genoa. Living and studying in the city provides a lens on contemporary issues, whether in the field of architecture and design or humanities and social sciences.

The project for the annual Unige-FIU collaborative workshop was the transformation of the Naval Museum of La Spezia and the surrounding portion of the navy base. The students toured the site on 6 October, lead by the museum curators who explained the special needs of the museum to accommodate the vast and varied collection and also to make the site more accessible to the public.

The project was coordinated by Unige Prof.ssa Carmen Andriani and tutors Beatrice Moretti and Davide Servente with the participation of the students of Prof.ssa Andriani’s Coastal Design Studio. Also collaborating were FIU Profs. Alfredo Andia and Matthew Rice.

Students with Professor Eric Peterson | Photo: Zair Toloza
Summer 2017 witnessed the largest summer study abroad program ever run by the department. 49 students and 7 faculty participated, including: Alfredo Andia, whose research focuses on the work of young Japanese design firms, Gray Read, Thomas Spiegelhalter, Jaime Canaves, Eric Goldemberg, Camilo Rosales, and landscape architect Roberto Rovira. In three groups students and faculty visited buildings by notable architects, toured landscape gardens, studied the urban patterns of Tokyo and filled their sketchbooks over two intense weeks.

They were joined by Florida architect Don Yoshino and Japanese architect George Kunihiko for a one-day charrette with students at Kokushikan University in Tokyo. Upon returning to Miami, students developed their understanding of Japanese architecture and culture in two seminar courses and a design studio.
FACULTY
From his debut in Modern Luxury Magazine to his Miami Beach Chamber of Commerce ‘Forward Thinker Award’, it has been a busy and prosperous year for FIU Architecture Professor and Miami Beach Urban Studios (MBUS) researcher, Nick Gelpi. His most recent accomplishment is a feature article published in the July/August issue of Dwell Magazine. “Pattern Recognition” covers Gelpi’s journey in the renovation his Miami Beach home and his personal test laboratory.

There exist many limitations to construction materials available or approved for architects in the United States, but Gelpi used this as an opportunity to create a home that featured inventive material applications.

The home features three dimensionally textured wall panels made from chips of melaleuca, an invasive tree species. These panels, are fabricated by combining mineralized wood chips from the melaleuca tree with cement to create a wood-based concrete. The melaleuca tree is native to Australia, but has been taking over the Everglades. Gelpi engaged this looming situation to introduce this exotic species as a featured component in the construction of his home. The combination of these materials aims to present new hybrid building material in the states.

The casting process was also a unique opportunity for Gelpi’s graduate students to join him in researching. With assistants through a grant, the material was explored for various building applications.
Architecture Instructor and co-principal of Berenblum Busch Architects (BBA), Claudia Busch, unveiled her new waterfront café named Cucuyo at the Perez Art Museum (PAMM) on September 28th.

The cocoon shaped, stainless steel structure was a collaboration between architecture firm BBA and Dutch manufacturing company MX3D. Using 3-D printed technology, they created a multi-functional and mobile space that serves as an art installation and full-service café.

Cucuyo, managed by STARR Catering Group, will remain an indefinite dining option at the downtown Miami art museum serving patrons coffee, sandwiches and light bites by Verde chef Kaytlin Dangaran. Seasonal menu changes are in the works.

You can work read more about the structure on Curbed Miami and the Miami New Times.
David Rifkind, associate professor of architecture at Florida International University (FIU) and interim chair of the Department of Landscape Architecture + Environmental and Urban Design discusses sea level rise in ‘Transforming a Metropolis’, an American Institute of Architects (AIA) feature article in Architect Magazine.

A pressing issue for the state of Florida and the city of Miami, Rifkind spoke to AIA Author, Steve Cimino, on the current threats Miami and the United States is experiencing. As an architecture historian, Rifkind gives insight into the sea level rise and climate change dilemmas that is affecting our future environment and infrastructure.

The article also serves an invitation to seek opportunities to transform our ideologies on climate change and become a global thought leader.

To view full article as told by Cimino, please visit Architect Magazine.
THE FLORIDA ASSOCIATION OF THE AMERICAN INSTITUTE OF ARCHITECTS (AIA) recently awarded FIU Architecture Chair, Jason Chandler, with the William G. McMinn, FAIA Award. The McMinn Award honors Chandler’s outstanding architectural contributions to education.

Throughout his career, Chandler has served as an instructor at Harvard University’s Graduate School of Design in its Career Discovery Program and as an adjunct lecturer at the University of Miami. However, his most notable contributions have been to Florida International University’s Department of Architecture.

For over 20 years, Chandler has been an educator at FIU and was appointed Architecture Department Chair in 2013. His academic discovery focus on building construction systems and integrating architecture and urban design. In addition, many of his research projects have been supported by grants and fellowships.

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ALUMNI
Alumni Juan Manuel Gatica was published by Portfolio 58, a Venezuelan Design and Architecture website.

Read an excerpt from the article and find the link for the full story below:

"After all the study, starting from the physical to the abstract, conclusions and questions began to emerge. The first important conclusion drawn from the analytical study was that the building program is distributed in a way that the design studios are located in the tower, separated from the common areas, thus generating a way of working that does not allow collaboration between units, students, teachers and the general public. The second relevant conclusion was that the ground floor or base of the FAU is extremely fluid and generates very rich congregation spaces, informal talks thanks to the wide corridors, contrasting totally with the fluidity of the circulation of the tower that is totally interrupted, generated by two sets of stairs and elevators that take the user from one floor to the other without any interconnection. The question generated after these conclusions was: What would happen if the tower becomes the brain of the faculty and simulates the fluidity of circulation of the ground floor?

Full story on Portfolio 58:
http://portfolio58.com/palimpsesto-arquitectonico-fau-ucv/
Recent graduate, Jessica Dickinson ’17 was featured in the digital publication Arch Reporter. Dickinson received her Master’s Degree in Architecture last spring semester and was recognized as stand out scholar throughout the program. During her master thesis project review, she was acknowledged for her designs and research and received awards for her project. Dickinson’s thesis project was published by Arch Reporter, a publication focused on showcasing student work. We applaud our talented alumni and support their future endeavors!

You can view the publication below:

Jessica Dickinson, M.Arch ’17 / Prof. Jaime Canaves Studio

To view full article please visit Arch Reporter.
The Fort Lauderdale chapter of the American Institute of Architects (AIA) presented a Student Merit Award for Best Project Graphics to Catherine Pageau (M.Arch ‘16) for her design of Space Architecture: Mars Habitat. The award was presented at their annual gala on October 5th at the Westin Fort Lauderdale Beach Resort.

A former business woman, Pageau originally earned an undergraduate degree in business from Universidad del Pacífico in Lima, Peru and a Master’s in Business (MBA) from Loyola University in Maryland. After having a successful 15 year run in the marketing industry, she decided to pursue her dreams and follow her one, true passion. Pageau headed to Miami, FL to attend Florida International University’s Department of Architecture master’s program. She received her Master of Architecture degree in the spring of 2016. Since then, she has worked for Bermello Ajamil & Partners and Glavovic Studio, an award-winning architecture firm in Fort Lauderdale as Director of Business Development. In said role, she provides strategic direction to the company while fostering new ideas for design projects.

“I am honored to have received such distinction from the prestigious AIA for my efforts on my Master Thesis. I want to recognize my Space Architecture thesis professor at FIU, Neil Leach, for having constantly pushed me out of my comfort zone and helping me think extraordinarily out of the box. My belief is that creativity, perseverance and drive, when combined, are a powerful formula that make one accomplish amazing things,” said Pageau.
College of Communication, Architecture + The Arts

The College of Architecture + The Arts engages our local and global communities by deploying the power of architecture + the arts to create, innovate, and inspire solutions to social, economic, and environmental problems. Offering 9 graduate and 8 undergraduate degrees within 7 academic departments, our more than 2,500 majors have the unique experience working with our award-winning faculty, in nationally ranked programs, in the heart of Miami — one of the country’s most vibrant, diverse, and creative cities!

For more information, visit us at carta.fiu.edu/architecture

Mayra Ortega, Admissions Recruiter
e-mail: maortega@fiu.edu
Paul L. Cejas School of Architecture Building, Office 272, Monday through Friday, from 8:30am to 5:00pm. Call (305) 348-2765 or email us at cartaadv@fiu.edu to make an appointment.

Academics

The Department of Architecture offers the Master of Architecture degree and the Master of Arts in Architecture degree. Whether you are a high school graduate, possess a 2- or 4-year college degree, or have a professional degree in architecture, our architecture program offers customizable tracks that range from 1 year to 6 years.

Master of Architecture

MArch (6-Year) | Arch (5-Year) | MArch (3-Year) | MArch (2-Year)

Master of Arts in Architecture

MAA (1-Year)

We also offer the Graduate Certificate in the History, Theory and Criticism of Architecture.

NAAB Accreditation

“...In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a pre-professional undergraduate degree in architecture for admission. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

Florida International University, College of Communication, Architecture + The Arts, Department of Architecture offers the following NAAB-accredited degree programs:

M. Arch. (high school degree + 174 credits)
M. Arch. (pre-professional degree + 60 credits)
M. Arch. (non-pre-professional degree + 105 credits)

Next accreditation visit: 2025

The Department of Architecture

The FIU Department of Architecture trains students in the profession of architecture to become thoughtful practitioners, critical thinkers, and broad visionaries with the skills and knowledge to enhance their communities and the built environment around them. The Department has a world-class faculty engaged in architectural practice and research on issues of design, sustainability, history/theory/criticism, sea-level rise, digital fabrication, and a whole host of interdisciplinary areas that advance knowledge in South Florida and across the globe.