

# URBAN REDEVELOPMENT AND AFFORDABLE HOUSING

## VIRTUAL URBAN DESIGN CHARRETTE AND ON-LINE STUDIO

Elective Studio | Required MUD Studio

Summer A + B (3 + 3 credits)

**JAIME CORREA**

A studio focused on urban design and architecture alternatives. The first summer session (**Summer A**), involves the School of Architecture's annual **Capstone Workshop** in which students and faculty collaborate on an interdisciplinary studio. This year's Capstone, sponsored by Miami-Dade County Public Schools and the Omni Community Redevelopment Agency, will focus on a variety of scenarios for **9+ acres of land** near the Performing Arts Center in downtown Miami. The workshop will be held on-line as a **virtual charrette**. This groundbreaking experience will involve the design of public spaces, high-density housing (affordable, workforce and market rate), retail, parking, and all associated services to turn the Omni area into a vibrant, walkable, mixed-use neighborhood. The second summer session (**Summer B**) will concentrate on **solutions to contemporary urban design issues**. Both sessions shall increase the participant's design skills, their abilities to collaborate and lead, and their understanding of the ideological, economic, and political forces that make cities what they are.



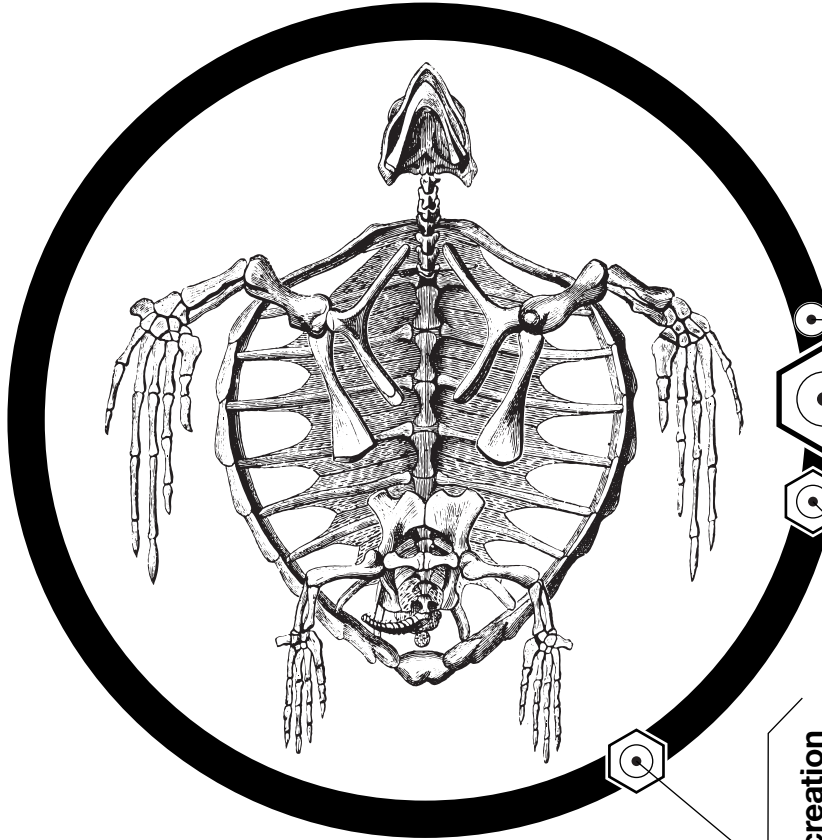
# US COURTHOUSE REENVISION MODERNISM

COURSE: Design Studio
LOCATION: Fort Lauderdale FL
CREDITS: 6
PROFESSOR/S: Patrick Reuter
CLASSROOM: TBA
CLASS HOURS: TBA

**PROLOGUE:** The Federal Courts and Office Building located in downtown of Fort Lauderdale is a modernist building of high resolution! It represents a desire for structure, system integration, clarity of form, spatial interplay and monumental expression. In reality, the building is stranded, both physically and functionally, having been made redundant it faces an unknown fate. Yet for the natural sceptics, demolition is the only reasonable procedure. But driving along this dynamic and massive 336 sf building such thoughts are as fleeting as the views.

**PROGRAM:** The task is to find an appropriate and feasible way to reuse the existing building and include the adjoining building area. The program and approach are open. Imagine it as a project which should be relevant to a wider architectural, cultural and political discourse about re-use, restoration, conservation and about the future building. The task may be modest but the subject will occupy an enormous part of the next generation of architectural production. The building is the subject but you should work with all scales to allow the project oscillate between the detail, the construction and the territory, the urban landscape and the city center to which it belongs.





2020-

## Summer A Design Studio

6 credits

Faculty: Veruska Vasconez

**Conservation** Center for Haulover Beach Park  
Education Space to house the MDPROS

**Sea Turtle** Conservation Program  
**Architecture Design + Landscape Design**

CONSERVATION CENTER UM . SoA . + MIAMI-DADE COUNTY Parks & Recreation

Designed by renowned landscape architect William Lyman Phillips, and opened in 1948, Haulover Beach Park is the largest remaining stretch of undeveloped beach in Miami-Dade County. Located between Bal Harbour and Sunny Isles Beach, this 1.4-mile beachfront park presents a unique opportunity for the study of coastal vegetation and animal life. (<http://www.miamidade.gov/parks/library/haulover-park-heritage.pdf>) The Conservation Center would provide 25-35,000 square feet to include lab and education space to house the MDPROS Sea Turtle Conservation Program and initiate the Shoreline Landscape Conservation program as a model for the integration of coastal flora and fauna conservation. The studio would assess climate and context conditions to design a Conservation Center for Haulover Beach Park, a beachfront Heritage Park of MDPROS.

Students will investigate the ecological issues facing the South Florida coast to propose a prototype for a coastal lab. The design components will address the impacts of warming waters, including sea-level rise and the changes in the Atlantic Meridional Overturning Circulation (Amoc), or what is commonly referred to, as the slowing of the Gulf Stream on plants and animals. These factors provide a foundation for proposals that represent innovative responses to climate and temperature, as well as the chronic and episodic threats of elevated levels of water and heat, and the crisis conditions of hurricanes and other natural disasters.

We will work closely with MDPROS landscape architects, planners, and architects, as well as representatives from the science and conservation programs, as well as community stakeholders. The project would be reviewed by the MDPROS leadership along with Miami-Dade County Commissioner Sally A. Heyman, and Surfside Mayor Daniel Dietch. MDPROS would host an exhibition of the student work in one of the Heritage Parks as well in the MDPROS Collaboration Arena.