UF DEPARTMENT OF LANDSCAPE ARCHITECTURE

SENIOR CAPSTONE PROJECTS

SPRING 2025

YI LUO
ANDREA GALINSKI

THANK YOU!

THANK YOU TO OUR PROJECT PARTNERS FOR YOUR SUPPORT OVER THE SEMESTER!

Army Aviation Museum Foundation
Applied Sciences
Catalyst Design Group
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City of Gainesville
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Craig Reynolds Landscape Architects
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GAI Consultants
Haskell
Jupiter Narrows Conservation Alliance
Kimley-Horn
Lucindo & Associates
Perez Planning + Design
Perry Becker Design
UF Center for Landscape Conservation Planning
The Vanguard School in Lake Wales

THUR 04.24
@SOFARELLI GALLERY

8:30 AM	WELCOME + COFFEE
9:00 AM	CAPSTONE PRESENTATIONS (1-4)
10:45 AM	BREAK (15 MIN)
11:00 AM	CAPSTONE PRESENTATIONS (5-8)
12:40 PM	LUNCH
1:40 PM	CAPSTONE PRESENTATIONS (9-11)
2:55 PM	BREAK (15 MIN)
3:10 PM	GTP PRESENTATIONS
4:50 PM	ADJOURN

FRI 04.25
@SOFARELLI GALLERY

8:30 AM	WELCOME + COFFEE
9:00 AM	CAPSTONE PRESENTATIONS (12-15)
10:45 AM	BREAK (15 MIN)
11:00 AM	CAPSTONE PRESENTATIONS (16-19)
12:40 PM	LUNCH
1:40 PM	CAPSTONE PRESENTATIONS (20-23)
3:20 PM	ADJOURN

INVITED JURORS

JOE BLAZINA
LANDSCAPE ARCHITECT,
CLEARVIEW LAND DESIGN

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OWNER
COYLEN & CAROL

BRIAN COOK
DIRECTOR OF URBAN DESIGN AND RESILIENCE,
APPLIED SCIENCES

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COYLEN & CAROL

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WEST KING STUDIO

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FLORIDA STATE UNIVERSITY

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CRAIG REYNOLDS LANDSCAPE ARCHITECTURE

ALEX THOMMES
SENIOR ASSOCIATE DESIGNER + PROJECT MANAGER
CRAIG REYNOLDS LANDSCAPE ARCHITECTURE

TAD TEMPLETON
PRINCIPAL
CORTA DEVELOPMENT

CAELI TOLAR
PROJECT MANAGER
MARQUIS, LATIMER, + HALBACK

SENIOR CAPSTONE PROJECTS

CASSIDY ZYLLIS

ANSEL SICKLER

COLSON CRONK

IFRIT MIAH

AUSTIN STELLA

NICHOLAS MOTL

WILLIAM MARSHALL

SPENCER WISHART

HAYDEN BERTONE

ISA AGUILAR

MEGAN LAFFEY

DAY 1

ANDREA GALINSKI, CAPSTONE ADVISOR

SENIOR CAPSTONE PROJECTS

CAROLINE GORDON

AUDREY FOSTER

VICTOR ANDERSON

SKY HENDERSON

ERICK GOMEZ

ELIANA AMENENDEZ

LILY CRAWFORD

ELIZABETH MYERS

HOLLY LOHMAN

ANDREW PINSKY

GUNNAR GIERSCHKE

GABRIELLA GILLIAM

DAY 2

YI LUO, CAPSTONE ADVISOR

CAPSTONE PROJECTS

DAY 1

1 A REIMAGINED LANDSCAPE FOR PRESERVING AVIATION HISTORY

CASSIDY ZYLIS

ANDREA GALINSKI, ADVISOR
ARMY AVIATION MUSEUM FOUNDATION,
PROJECT PARTNER

This project aims to create a cohesive outdoor experience that celebrates the United States Army Aviation Museum's legacy and fosters meaningful connections between people, place, and purpose. By bridging fragmented outdoor spaces and weaving them together with threads of a unifying theme, the design will create a seamless and engaging journey for visitors of all ages and backgrounds. Beyond functionality, this design aspires to create a vibrant gathering space that serves as a hub for the entire community with the use of lighting, pops of colors, and engaging activies.


Andrews Ave.
Novosel St.
U.S. Army
Aviation Museum
Training Support
Facility Building
Braman Hall
Hangars
LEGEND:
1. Museum Entrance
2. Photo-op Frame
3. Airlift Park
4. TSF Entrance
5. Container Park
6. Mini Golf
7. Cornhole
8. Kid's Zone
9. Open Air Cafeteria
10. Shade Garden
11. Chinhook's Landing
Restroom
Gift Shop

2 GREENTOP PARK: THE CITY OF DECATUR'S BACKYARD

ANSEL J. SICKLER

ANDREA GALINSKI, ADVISOR
PEREZ PLANNING + DESIGN, PROJECT PARTNER

Many parking structures become unused urban space as demand for parking decreases in urbanizing areas. In particular, the roof level parking , which is typically the least desirable level, is commonly left empty or underfilled. Commonly, many urban centers of the United States are lacking in green space, and urban parks, and the price of property and desirability of land in urban centers makes it very difficult to develop urban land to fill this gap in urban parks. Underutilized parking structures present an opportunity to retrofit the top layer into an urban park space, to help fill the gaps in the urban fabric and to find new use for parking structures that have fallen out of use.

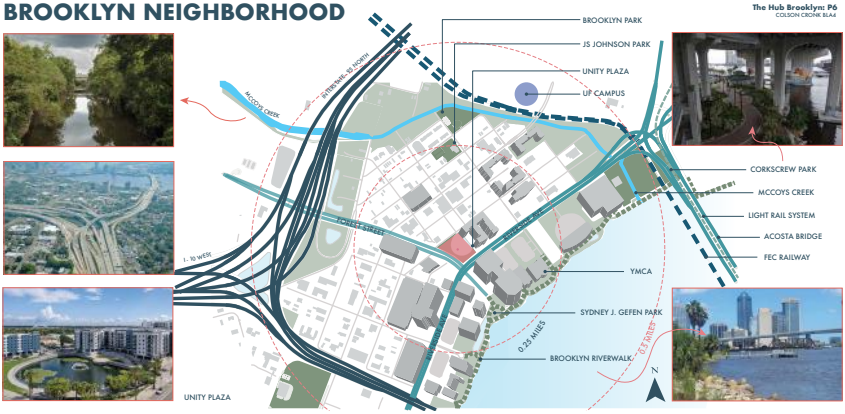
3 UNIFYING BROOKLYN

COLSON CRONK

ANDREA GALINSKI, ADVISOR
CD URBAN DESIGN STUDIO, PROJECT PARTNER

"Unifying Brooklyn" is a study of an urban neighborhood in Jacksonville, Florida's downtown central business district. The project outlines the existing and future framework of the neighborhood as it is beginning to emerge as a destination for residents, locals and tourists. Introduced to the project by CD Urban Design Studio, I was asked to bring a landscape architect's approach to the growth that's happening in Brooklyn. CD Urban is currently involved in developments in the area as part of an ongoing planning and design intervention for the neighborhood. I was given the opportunity to look at the neighborhood as a whole in order to identify the opportunities and constraints of the areas surrounding this planning intervention and other developments in and around the neighborhood.

BROOKLYN NEIGHBORHOOD



4 LECOM PARK MASTERPLAN: GROWING COMMUNITY THROUGH DESIGN

IFRIT MIAH

ANDREA GALINSKI, ADVISOR
APPLIED SCIENCES, PROJECT PARTNER

The LECOM Park Revitalization Project proposes transforming the historic Bradenton stadium into a dynamic, year-round destination that supports tourism, local business, and community life. By introducing a mixed-use development with walkable pathways, affordable housing, green infrastructure, and public gathering spaces, the project aims to reimagine the park as a resilient civic hub. Emphasizing climate adaptability and flood resistance, the design incorporates sustainable strategies such as permeable surfaces, native landscaping, and elevated walkways to mitigate sea level rise and stormwater challenges. The revitalized park will preserve its baseball heritage while promoting a vibrant, inclusive environment for residents and visitors alike. Informed by successful case studies in Tampa and grounded in principles of equity, accessibility, and long-term sustainability, the project aligns with the city's broader goals for urban resilience and economic growth. LECOM Park will become a model for transforming underutilized sports venues into thriving, multifunctional public assets.

The LECOM Community Center plan revitalizes the area by creating a vibrant, multifunctional space that brings people together through events, play, and recreation. Features like the event lawn, food shop, and batting nets encourage local engagement, while the retention pond and added parking support sustainable growth and accessibility. Together, these elements foster a more connected, active, and resilient community.

5 DOWNTOWN LEESBURG REVITALIZATION PROJECT

AUSTIN STELLA

ANDREA GALINSKI, ADVISOR
GAI CONSULTANTS, PROJECT PARTNER

Downtown Leesburg's new plaza and walkable Market Street re imagine this main street town into a vibrant and inviting downtown environment. This project addresses current challenges of disconnected side streets, underutilized public spaces, and limited pedestrian infrastructure by creating a more cohesive, safe, and engaging urban experience. The design strengthens downtown's sense of place through enhanced walkability, expanded gathering areas, and strategic connections between key destinations like Beacon College, City Hall, and Main Street. By blending functional improvements with community-focused design, the proposal aims to support long-term economic growth, cultural identity, and everyday livability for residents and visitors alike.


Table Top
Crosswalks
Assorted
Planting
& Seating
Room
For Events
Curbless
Walkable
Street

6 RESILIENT SHORES: MAYPORT VILLAGE

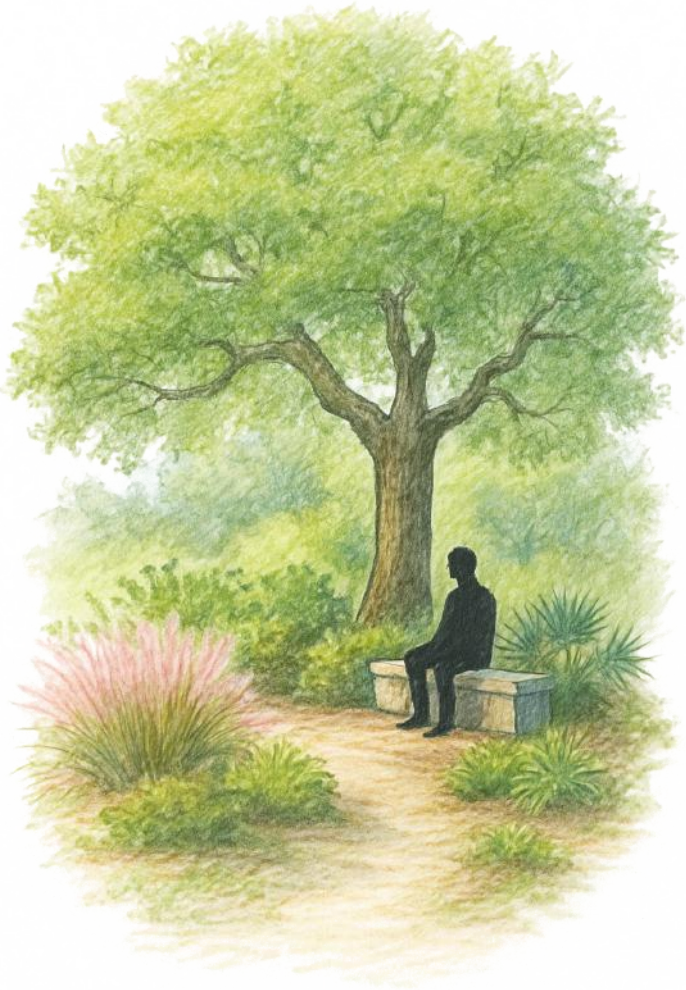
NICHOLAS MOTL

ANDREA GALINSKI, ADVISOR
HASKELL, OCEARCH, PROJECT PARTNERS

Resilient Shores: Mayport Village is a coastal landscape architecture project sited along the St. Johns River in Mayport Village, Jacksonville, Florida. Designed for Jacksonville University's OCEARCH research facility, the 2.5-acre site supports seasonal residency for marine researchers, limited public access, and ecological restoration in a high-risk floodplain. The design responds to a challenging context — flat terrain, Ultisol soils, shoreline erosion, and full-site inundation during storm surge — by creating a resilient, low-profile landscape that is built to recover, not resist.

Program zones are layered horizontally: public circulation routes buffer a central research core, while native planting bands define spatial transitions and manage stormwater. Existing canopy trees structure the site without overdesign, and ground-level infrastructure avoids elevation or grading. The planting palette is salt-, wind-, and flood-tolerant, serving both ecological and experiential functions.

Resilient Shores: Mayport Village offers a working coastal landscape that adapts to climate realities without compromising usability or clarity. It explores how systems of water, people, and planting can move through space together — creating a research-ready shoreline that doesn't just survive change, but integrates it.



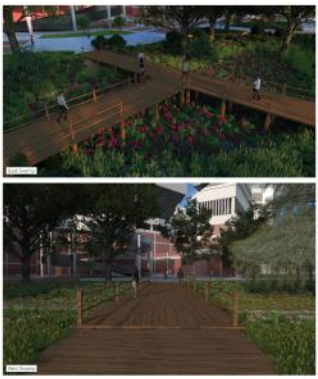
7 FLORIDA'S LAWN: REVIVING A UNIVERSITY'S ICONIC FRONT YARD

WILLIAM MARSHALL

ANDREA GALINSKI, ADVISOR
CHW INC, PROJECT PARTNERS

Florida's Lawn refers to Stadium Lawn on the University of Florida campus. The design for this project involves a reworked transportation layout as well as increasing parking space efficiency. It also includes a priority for pedestrian safety. This is achieved through the straightening of Gale Lemerand Drive, allowing for more usable space in front of the stadium while improving the flow of traffic. In addition, more pedestrian pathways will connect the space, allowing for safer and more efficient travel further from dangerous roadways. Aside from its functional improvements, an exciting space will emerge that captures the unique characteristics of the state of Florida, UF's campus, and the students that inhabit it. The design will incorporate increased stormwater retention capabilities with a planting palette that resembles the areas from which "The Swamp" garners its name. These plants will blend together with the University's more formal traits to create a space that is strikingly Florida.

DESIGN - **STADIUM LAWN**

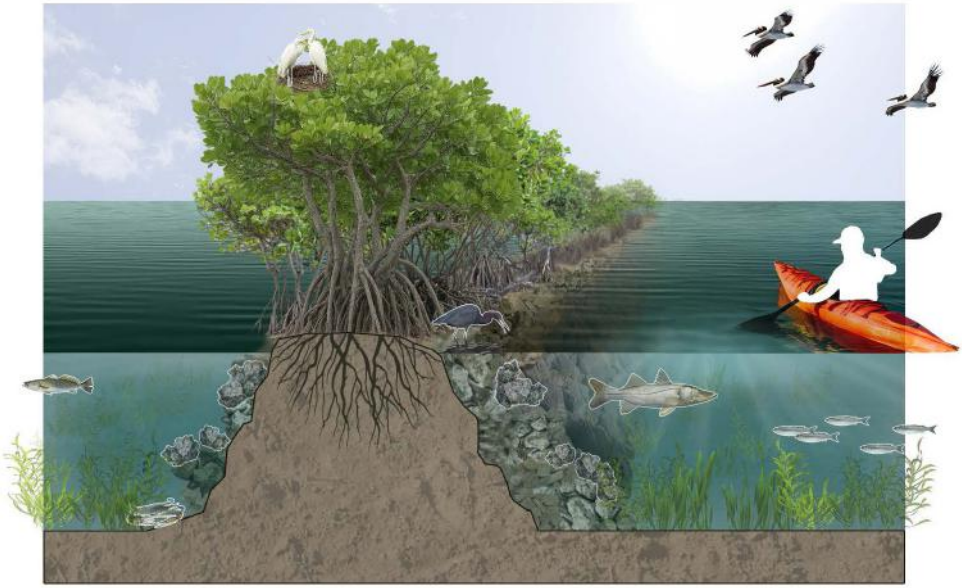


8 LIVING THRESHOLD: INDIAN RIVER LAGOON

SPENCER WISHART

ANDREA GALINSKI, ADVISOR
PERRY BECKER DESIGN, PROJECT PARTNERS

The Indian River Lagoon in Brevard County, Florida, has suffered significant ecological decline due to decades of nutrient-rich stormwater runoff, leading to seagrass loss, algal blooms, and habitat degradation. This capstone project responds to that crisis with a site-specific restoration design at Claude Edge Front Street Park in Melbourne, a key point where urban runoff enters the lagoon. The proposal introduces a two-phase bioremediation strategy: stormwater is first filtered through bioswales and bioretention cells planted with native species known for their phytoremediation capabilities. Once pre-treated, the water flows into the lagoon through constructed mangrove atoll islands and oyster reef structures, which provide further filtration, stabilize sediments, and support aquatic biodiversity. The project also emphasizes public engagement through hands-on activities like oyster mat building and citizen science monitoring to foster community stewardship. Designed in phases, the project evolves from initial construction to long-term ecological function, with anticipated outcomes including water quality improvement, wildlife habitat creation, and the return of submerged aquatic vegetation. This nature-based approach demonstrates how living infrastructure can address environmental degradation while enriching public space and education.



9 THE MAYPORT PROJECT: REIMAGINING THE DEVELOPMENT OF NORTH FLORIDA'S INTRACOASTAL WATERWAY

HAYDEN BERTONE

ANDREA GALINSKI, ADVISOR
HASKELL, OCEARCH, PROJECT PARTNERS

The Mayport Marine Research and Education Center is a collaborative effort between Jacksonville University, OCEARCH, and Haskell to establish a state-of-the-art headquarters for oceanic research, education, and public outreach. Situated on a 2.5-acre waterfront site at 4638 Ocean Street in Mayport, Florida, the project aims to create a resilient and future-focused campus that supports marine science, facilitates public interaction with ongoing research, and highlights responsible coastal development. The site design aims to balance the needs of researchers, students, and visitors, providing specialized facilities for studying large marine species, hosting educational programming, and preserving the ecological integrity of the surrounding salt marsh and maritime landscape. The project responds to increasing environmental pressures on Florida's coastlines, including sea level rise, habitat loss, and development impacts.

10 PRESERVING NATURE, ENHANCING PLAY

ISABEL AGUILAR

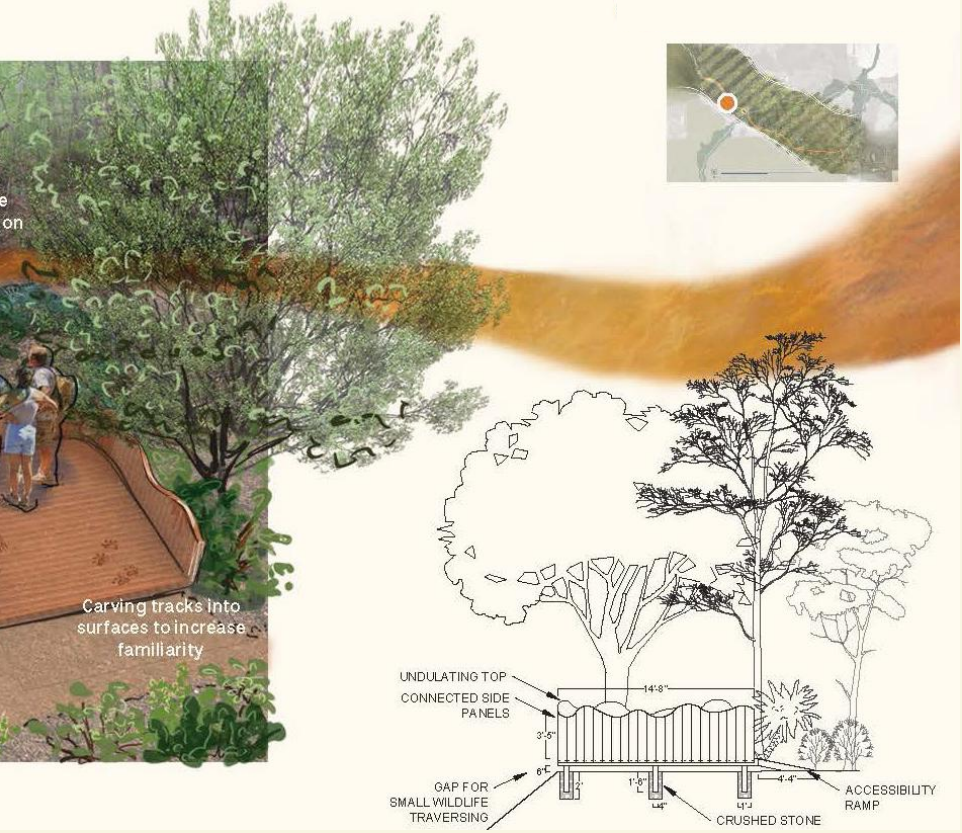
ANDREA GALINSKI, ADVISOR
UF CENTER FOR LANDSCAPE CONSERVATION PLANNING, PROJECT PARTNER

This capstone proposes a resilient and community-centered redesign of Oleta River State Park in North Miami, Florida—one of the state's most ecologically diverse and culturally significant urban parks. In response to Florida's Great Outdoors Initiative and the growing threat of sea level rise, the project addresses the need for sustainable recreational development that preserves natural systems while enhancing community access and engagement.
The design is rooted in four guiding principles: preservation, education, recreation, and cultural connection. Through adaptive infrastructure, elevated trails, interpretive signage, and future-focused land use strategies, the park is reimagined as a living model of climate resilience and inclusive design. Key features include a historic kayak trail with educational stops, nature-based fitness areas that transition into wetlands, and flexible gathering spaces that celebrate local culture and biodiversity. This proposal aims to serve as a blueprint for how preserved lands across Florida can evolve with environmental change—balancing ecological protection with the social and recreational needs of surrounding communities.

11 ONE TRAIL AT A TIME: INCREASING CONSERVATION LANDS THROUGH COLOCATION OF WILDLIFE CORRIDORS AND NATURE-BASED RECREATION

MEGAN LAFFEY

ANDREA GALINSKI, ADVISOR
UF CENTER FOR LANDSCAPE CONSERVATION PLANNING, PROJECT PARTNER



Increasing development is threatening the native landscapes of florida and the Florida Wildlife Corridor. To prevent threats to native species and ecosystems, we must find a way to create spaces for humans and wildlife. One Trail at a Time aims to create important ecological linkages while providing opportunity for greater human-nature connectedness in a rapidly developing urban landscape through the collocation of wildlife corridors and nature-based recreation. It prioritizes the needs of wildlife through the identification of priority conservation lands in Florida and secondarily considers trail gaps to create colocation opportunities for recreation and conservation. Through the ecosystem restoration and human impact mitigation design, sites can be included within the Florida Wildlife Corridor and other conservation lands. This guidebook will demonstrate the process needed to plan for colocation across the state. It begins with contextual research, into an ArcGIS analysis, site and environmental sensitivity analyses, and finally ends with design guidelines. Planners should use this resource to further colocation design across the state, and eventually nation, promoting the creation of lands for all species.

CAPSTONE PROJECTS

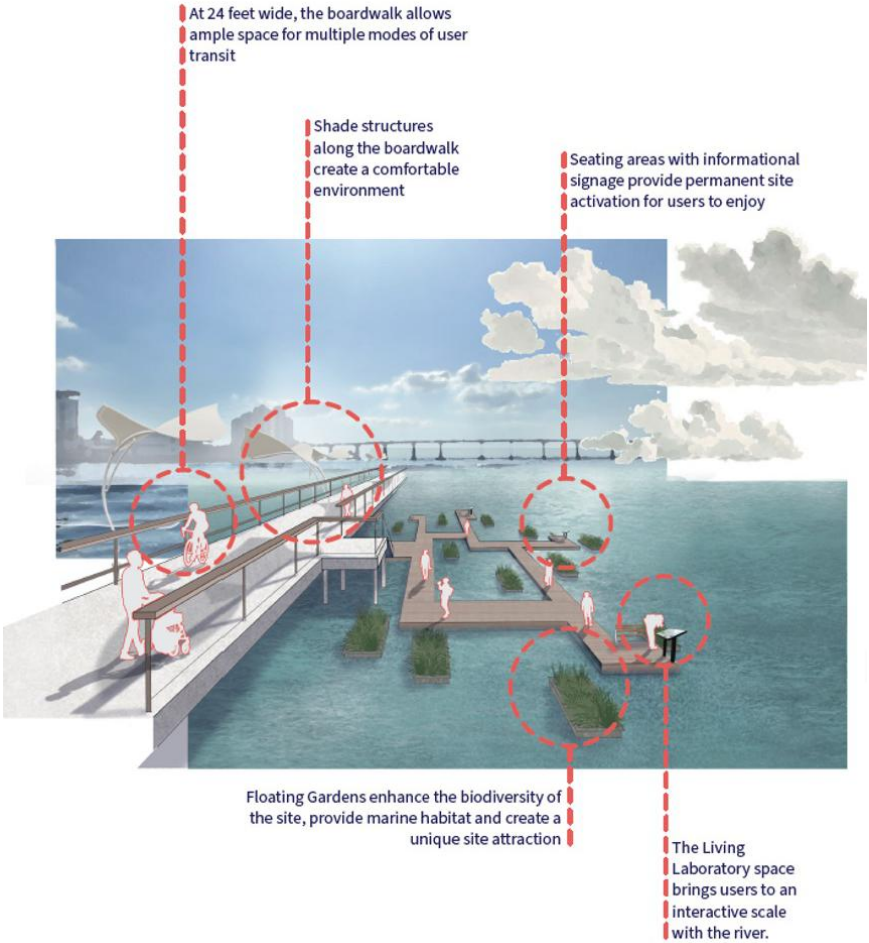
DAY 2

12 COMPLEMENTARY DESIGN: STRATEGIES FOR URBAN RIVER RESTORATION THROUGH LINEAR PARK DESIGN

CAROLINE GORDON

YI LUO, ADVISOR
PEREZ PLANNING + DESIGN, PROJECT PARTNER

Urban rivers face ecological threats due to the cascading ecological consequences of coexisting alongside dense communities. Many cities across the world face the consequences of degraded rivers and streams from reduced species diversity, migrating species ranges, nutrient and pesticide accumulation in sediment, increasing soil erosion and higher instances of flooding and drought. Coincident to this, urban rivers are heavily relied upon by the human and ecological communities for habitat, ecosystem services, economic and infrastructural support and recreational and aesthetic value. Many strategies for river restoration have been pursued and measured across the globe, employing nature-based solutions, policy amendments, community support and urban infrastructure to enact positive change. One area where all of these strategies find a common ground is within urban park planning. Specifically, linear park systems are uniquely positioned to produce tactical benefits to river ecosystems due to their inherent continuous form which compliments a shoreline typology. The successful adaptation of linear park programming and design can have a strong positive impact on the overall health and flourishing of urban river ecology.


At 24 feet wide, the boardwalk allows ample space for multiple modes of user transit
Shade structures along the boardwalk create a comfortable environment
Seating areas with informational signage provide permanent site activation for users to enjoy
Floating Gardens enhance the biodiversity of the site, provide marine habitat and create a unique site attraction
The Living Laboratory space brings users to an interactive scale with the river.

13 RESTORING A RANCH: PRESERVING LEGACY THROUGH AGRITOURISM

AUDREY FOSTER

YI LUO, ADVISOR
DR. GAIL HANSEN, PROJECT PARTNER

America is facing a steady decline of small farms and is growing concern that is being exacerbated by a combination of economic pressure and the escalating effects of global warming. These small farms have historically been the backbone of local food systems and are struggling to remain viable due to increased costs and market competition from larger agricultural enterprises. Additionally, the intensification of climate-related events, such as wildfires and drought, further disrupt agriculture success. These challenges are pushing small farmers out of business at an alarming rate, which undermines food security, weakens rural economies, and contributes to the loss of agricultural biodiversity. Action is necessary to assist these farms, protect the future of sustainable agriculture, and develop policies that can alleviate the economic and environmental challenges.


SCALE: 1" = 100'
0
100
N

14 THE VANGUARD SCHOOL REIMAGINED

VICTOR ANDERSON

YI LUO, ADVISOR
THE VANGUARD SCHOOL, PROJECT PARTNER

This project presents a visionary landscape design for the Vanguard School campus located in Lake Wales, Florida. The design is centered on enhancing outdoor spaces to support collaboration, learning, and community connection. The campus's main courtyard features a network of rain gardens strategically integrated throughout the campus to collect, filter, and manage stormwater, promoting sustainability and hands-on environmental education. Key improvements include the reimagining of the existing fishing dock as a dynamic gathering space and the beautification of the campus entryway to create a more welcoming and inspiring arrival experience. Guided by a human-centered design philosophy, this proposal seeks to enrich daily campus life while working in harmony with the surrounding environment.


DORMITORY
(SABBAUGH HALL)
DORMITORY
(BOYD HALL)
ZONE C
0'
50'
N

15 LOVED TO DEATH: RESTORING SEAGRASS BEDS AND MANGROVE ISLANDS TO A GROWING DESTINATION

SKY HENDERSON

YI LUO, ADVISOR
JUPITER NARROWS CONSERVATION ALLIANCE, PROJECT PARTNER

Located in Jupiter, FL along the intra coastal water way, my project starts at Cato's Bridge and moves north to Coral Cove Park. My project aims to restore the seagrass and mangrove beds that used to flourish in this area and enhance the existing site features. In doing this I hope to create a framework for restoration plans to work north through the Atlantic intracoastal waterway to the Indian River Lagoon. My project scope will include thorough research on the environmental conditions of the current site, review case studies from similar projects, and I will research the applicability of common restoration interventions such as limestone breakers, artificial wave attention devices, bird roosting stakes, and policy changes. This project is being done in partial fulfillment for a bachelors in Landscape Architecture from the University of Florida, expected graduation May 2025.


Landscape Buffers help slow the flow of stormwater runoff, allowing more time for sediment and nutrients to infiltrate into the ground. This can reduce phosphate loading by 50% and nitrate runoff by over 70%
Native landscapes provide food & shelter
After ONE year, each VOG can filter 10,000 gal per day!
Traditional turf lawns require excess fertilizers, provide little ecological support, and require more maintenance compared to native landscapes.
Storm Water

16 BRADCO FARMS: STORMWATER + WETLAND RESTORATION PARK

ERICK GOMEZ

YI LUO, ADVISOR
CATALYST DESIGN GROUP, PROJECT PARTNER

Bradco Farms is a 500-acre site undergoing large-scale stormwater management and wetland restoration to mitigate the hydrological and ecological impacts of regional urbanization in Winter Haven, Florida. The project prioritizes the reestablishment of native wetland systems—specifically forested wetlands, freshwater marshes, and constructed basins—to enhance stormwater retention, nutrient filtration, groundwater recharge, and flood attenuation.

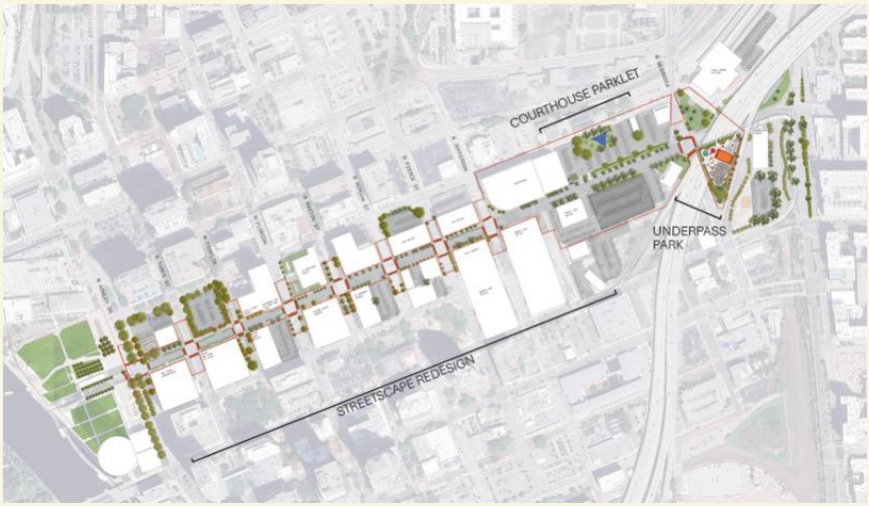
Engineered retention basins and bioswales are integrated with restored natural hydrology to slow runoff velocities, promote infiltration, and remove suspended solids, nitrogen, and phosphorus from stormwater prior to downstream discharge. Vegetative communities have been reconstructed using Florida-native, hydrophytic species to increase evapotranspiration rates, stabilize soils, and provide critical habitat for keystone and migratory species. Passive public access features, including pervious trail networks and elevated observation platforms, are designed to limit disturbance while fostering environmental education. Bradco Farms demonstrates a nature-based solution (NBS) approach to watershed management, aligning ecological restoration, stormwater treatment, and community resilience objectives in response to increasing impervious surface cover and climate-related precipitation variability.

17 REVITALIZING TWIGGS STREET: A CORRIDOR FOR CONNECTION

ELIANA MENENDEZ

YI LUO, ADVISOR
APPLIED SCIENCES, PROJECT PARTNER

This urban design project reimagines Twiggs Street as a vibrant, pedestrian-friendly corridor that connects Curtis Hixon Waterfront Park to the Port of Tampa Bay in Tampa, Florida. By activating underused spaces and redesigning streetscapes across its civic and downtown districts, the proposed design prioritizes walkability, multimodal access, and community connection. Streetscape improvements include widened sidewalks, reduced vehicular lanes, added bike paths, and permanent public furniture to foster economic activity and social engagement. A courthouse parklet and an Underpass Park introduce green, shaded community gathering spaces with amenities such as food truck patios, play zones, and public art. Rooted in the street's historic identity and supported by community input, the design leverages strategic interventions to unify the corridor, enhance safety, and promote a more inclusive and livable downtown experience.


COURTHOUSE PARKLET
UNDERPASS PARK
STREETSCAPE REDESIGN

18 LANDSCAPE ROOTED IN EXPERIENTIAL LEARNING: 4-H CAMP CHERRYLAKE

LILIAN CRAWFORD

YI LUO, ADVISOR
KIMLEY-HORN, PROJECT PARTNER

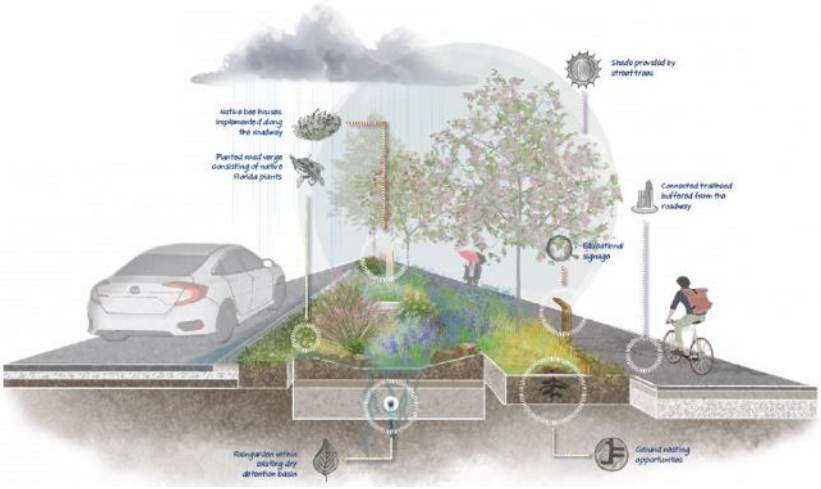
4-H Camp Cherrylake is situated in northern Madison County approximately one mile south of the Florida/Georgia border. The redesign will have a focus on camp connectivity and community user experience with centralized experiential learning for day and night camp through aesthetic, education, and restoration. Through the 12-acre site, there is a wide range of topography that provides a beautiful view of the lake surrounded by a diverse array of ecozones connected throughout the site. These ecozones consist of pine flatlands, oak canopy, and cypress wetlands. With updated facilities, the goal of Camp Cherrylake is to specialize on a focus of agriculture and environmental education and workforce development.

19 THE BEELINE: FORAGING FOR HABITAT WITHIN THE MARGINS OF URBAN LIFE

ELIZABETH MYERS

YI LUO, ADVISOR
KIMLEY-HORN, PROJECT PARTNER

Urban sprawl practices encroach on over two million acres of viable farmland annually in the United States. This rapid development is a byproduct of our culture rooted in overconsumption and anthropogenic design. Designing to prioritize the human experience over the natural world results in fractured, non-functioning ecosystems. Uninformed design decisions are intertwined with the urban fabric, prompting conservation efforts to undo the environmental harm left in their wake. The graphic above showcases how species such as the Honey Bee or other above-ground nesting species can adapt to city life in its current state. Native species, usually ground-nesting are pushed out of urban spaces and left to forage within the pesticide-treated agricultural landscape. Large-scale conservation projects such as the Florida Wildlife Corridor tackle big-picture restoration by stringing together patches of viable habitat to form a unified greenway. Traditionally, the term "greenway" represents these elaborate preserves, broadly recognized as the primary method to balance the effects of urbanization. Greenways are proven to mitigate climate change, reduce genetic bottlenecks, and create habitats for endemic and keystone species (Bergmann, 2019). 'The Beeline' will achieve these large-scale ideals in a human-scale urban context.


Shade provided by street trees
Native bee houses implemented along the roadway
Planted road verge consisting of native Florida plants
Connected trailhead buffered from the roadway
Educational signage
Raingarden within overlay dry detention basin
Ground nesting opportunities

20 FINDING THE WAY: PRESERVING ECOLOGICAL CONNECTIVITY & WILDLIFE THROUGH RURAL LANDSCAPES AND AGRITOURISM

HOLLY LOHMAN

YI LUO, ADVISOR
CRAIG REYNOLDS LANDSCAPE ARCHITECTS, UF CENTER FOR LANDSCAPE CONSERVATION PLANNING, PROJECT PARTNERS

Much of the Florida Wildlife Corridor is privately owned agricultural lands. This poses a constant threat to delicate wildlife movement linkages because the land is fragmented and under constant threat of development. Farmers in South Florida, especially those involved in the citrus industry or operating smaller farms, are facing economic challenges. In times of financial need, landowners and farmers are offered irresistible sums from large-scale developers. In order to conserve this land through the state of Florida, we must effectively assist these owners through diverse avenues.
Some solutions to land conservation and planning come in the form of financial assistance from the government and economic policy. Conservation easements are in place to financially support such landowners. However, there are other diverse avenues for profit streams. Agri-tourism and property rental is one of these routes.

21 NEWFIELD: AN ACTIVE LIFESTYLE

DREW PINSKY

YI LUO, ADVISOR
LUCINDO & ASSOCIATES, PROJECT PARTNER

Newfield Neighborhood, a 140-acre planned community in Martin County, Florida, reimagines suburban living by harmonizing modern design with core landscape design/ planning principles. The development comprises over 500 homes and prioritizes open space, connectivity, healthy living, and a deep connection to nature. Central to Newfield's vision are eleven distinct parks and green spaces, ranging from 0.25-acre pocket parks to a large 5-acre community-centered greenspace, each tailored to encourage recreation, socialization, and environmental engagement. A defining innovation within the neighborhood is the incorporation of Woonerf Street design. This Dutch-inspired planning model, meaning "living street" in English, reimagines roads as shared spaces where pedestrians' and cyclists' usage is prioritized over vehicles. By blending historical legacy with modern design principles, Newfield aims to create a pedestrian/bike-friendly environment that fosters community and wellness.

22 DESIGN AGAINST DIVISION: URBAN SEGREGATION AND URBAN FORM

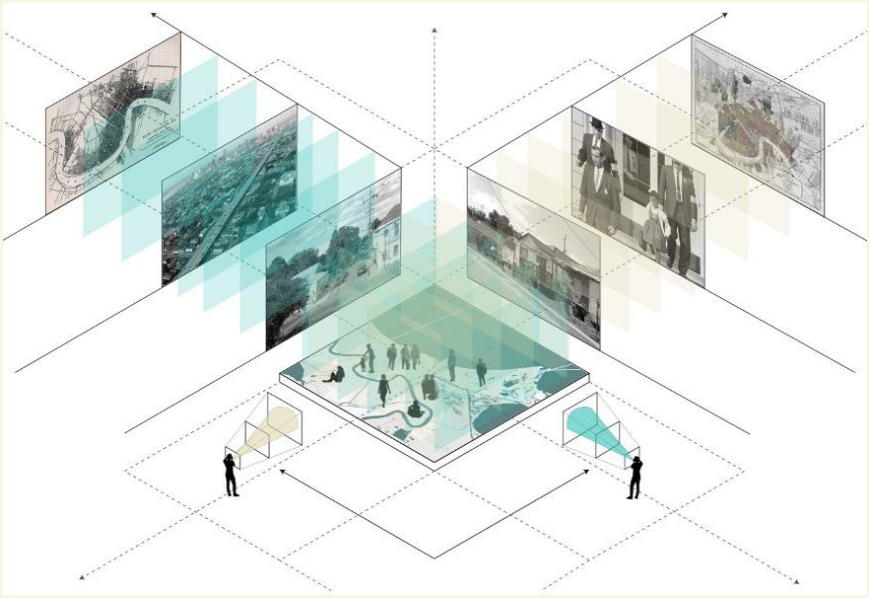
GUNNAR GIERSCHKE

YI LUO, ADVISOR
YI LUO, PROJECT PARTNER

Urban segregation in the United States has arisen from racially unjust policies that have shaped cities, perpetuating segregation long after it was outlawed (Rothstein, 2018). Urban form, a city's physical design and spatial organization, plays a crucial role in reinforcing or dismantling these patterns. This research investigates how urban form influences segregation and identifies design interventions and practices that can facilitate a more inclusive urban fabric.

This is achieved through a multifaceted approach. A literature review analyzes the historical evolution of planning and development structures' impacts on segregation. A case study in New Orleans, Louisiana, reviews specific urban settings to understand how urban form relates to segregation patterns, involving systematic analyses of communities' historical development, viability, and physical form.

Results show that urban form remains rooted in segregative policy, even following its official disbandment (Schindler, 2015), seen in inequitable planning and reinvestment strategies like those in New Orleans following Hurricane Katrina. While urban form is no longer a distinctive perpetrator, this study provides evidence of a relationship between segregation and urban form, particularly within divisive historical and contemporary urban features that have received little mitigation, highlighting the need for standardized planning practices to move our cities towards a more inclusive future.



23 **SUNI SANDS: REVITALIZING HISTORIC SHORELINES**

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Jupiter's coastal heritage is a living thread that connects generations. From the indigenous peoples who first navigated these waterways to the vibrant communities today, the town's identity has been shaped by the waterfront and opportunities created along its crystal blue edge. My design graphic is inspired by this intricate relationship between the residents of Jupiter and the Intracoastal Waterway. The bathymetric contours encapsulated within the furrows and ridges of the fingerprint suggest the town's identity is deeply rooted in the waterfront culture. Connectivity is central to my design approach. The waterway links land and marine ecosystems and fosters a space for town residents and visitors to enjoy together. Another part of my philosophy underscores the need for sustainable coastal design. Jupiter faces the challenges of development pressures, coastline changes, and sensitive habitat destruction, all of which can impact the character of this small, growing coastal town. Through my capstone, I plan to preserve and celebrate the history of Jupiter, restore marine ecosystems, and expand public access to our beautiful waterway.


The Dig Museum
Shade Sails & Open Space
The Dig Cafe & Shop
Indigenous Art Sculptures
Native Plants
Suni Sands Shell Midden
Suni Shores Dive & Discovery EcoCenter
A
SCALE : 1' = 30'
A'


THE HISTORIC CELESTIAL RAILROAD
CELESTIAL TIKI BAR & LOUNGE


PERSPECTIVE

UF DEPARTMENT OF LANDSCAPE ARCHITECTURE

UF Landscape Architecture
UNIVERSITY of FLORIDA

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