



Florida Tomorrow

College of Design,
Construction and Planning



UF | FLORIDA
TOMORROW
THE CAMPAIGN FOR THE UNIVERSITY OF FLORIDA



From the Dean

We are proud of the rich tradition of educational excellence in the design, construction and planning programs offered at the University of Florida throughout the past century. We are equally invigorated by the opportunity to create the next generation of professionals to lead Florida and the nation in achieving better and more sustainable communities.

The mission of the College of Design, Construction and Planning is to offer exceptional professional education programs addressing design, development, construction and preservation of the built and natural environments. Through basic and applied research, DCP faculty and students assess the ongoing processes of change in human settlements. Students engage in projects intended to guide these processes and bring new strategies and approaches to bear on work in the professions of architecture, building construction, historic preservation, interior design, landscape architecture and urban and regional planning.

Our graduates are leaders in designing, building and planning communities. Their remarkable accomplishments, coupled with the academic and professional outputs of DCP faculty, have propelled our college to achieve a well-deserved national reputation for excellence. Our challenge is to sustain excellence by recruiting and retaining the best faculty; updating and upgrading our educational facilities; supporting our vast educational offerings that provide students engagement beyond the classroom; enhancing our research capabilities; and ensuring we continue to attract the best students for both primary and advanced professional preparation.

I am pleased to share with you several of our many exciting educational accomplishments, as viewed through the eyes of those who have participated. There are so many exciting ways for you to partner with us in support of *Florida Tomorrow*, ensuring that we continue our tradition of leadership in educating those who envision and create great places. I invite you to join me in discussing how we can work together to make a real difference.

Sincerely,

Christopher Silver, Ph.D., AICP

Dean, College of Design, Construction and Planning

Florida Tomorrow

... and the College of Design, Construction and Planning

The Promise of Tomorrow

The University of Florida holds the promise of the future: *Florida Tomorrow* — a place, a belief, a time. *Florida Tomorrow* is filled with possibilities. *Florida Tomorrow* is for dreamers and doers, for optimists and pragmatists, for scholars and entrepreneurs, all of whom are nurtured at Florida's flagship university: the University of Florida, The foundation for the Gator Nation.

What is *Florida Tomorrow*? Here at the College of Design, Construction and Planning, we believe it's an opportunity, one filled with promise and hope. It's that belief that feeds the university's capital campaign to raise more than \$1 billion.

The *Florida Tomorrow* campaign will shape the university, certainly. But its ripple effect will touch also the state of Florida, the nation and the entire world. *Florida Tomorrow* is pioneering research and spirited academic programs. It's a fertile environment for inquiry, teaching and learning. It's being at the forefront to address the challenges facing all of us, both today and tomorrow.

College of Design, Construction and Planning

- School of Architecture
- M.E. Rinker, Sr. School of Building Construction
- Department of Interior Design
- Department of Landscape Architecture
- Department of Urban and Regional Planning

College of Design, Construction and Planning *Florida Tomorrow Campaign Goals*

Faculty Support	\$6 million
Graduate Student Support	\$7 million
Undergraduate Student Support	\$6 million
Programs and Research Centers	\$10 million
Facilities and Campus Enhancement	\$2 million
TOTAL	\$31 million





A photograph of two people, a woman and a man, walking down a concrete staircase. The woman is on the left, wearing a white shirt and a striped cardigan, and is smiling. The man is on the right, wearing a light-colored shirt, a tie, and a brown jacket, and is looking towards the woman. The staircase has a metal railing. The background is dark and out of focus.

Peggy Carr and Paul Zwick

Florida Tomorrow is a place ...

where educators and students work to envision, design, create and preserve renewable and affordable communities.

Glimpse of the Future

In 1900, Florida's population was about 529,000. In 2000, it was almost 16 million. By 2030, 13 million more people are expected.

Do Floridians want the state to grow the same way it has in the past? That's the question College of Design, Construction and Planning researchers Peggy Carr and Paul Zwick pose with Land Use Conflict Identification Strategy — better known as LUCIS.

LUCIS — which Carr and Zwick developed over 10 years — isn't a crystal ball. What it does is offer scenarios. For example, if a parcel is preserved as conservation land, what are the ripple effects? Conversely, if the same parcel is developed with 2,000 homes, what happens? How do conservation and urban uses pressure agricultural land, which dwindles each year?

"What LUCIS can do is paint a very clear picture for the public of what land use might look like in the future," Carr says.

UF researchers estimate that between now and 2060, the amount of urban land in Florida will more than double unless patterns change. That could set the stage for intense conflicts over land use. Resolving those conflicts will be crucial to maintaining a clean and plentiful water supply, providing healthy urban environments and maintaining native biodiversity.

LUCIS has been used in modeling sessions around the state. One of the most successful occurred in Orlando, where represen-

tatives of several groups studied four scenarios. The one model rejected: sprawl.

"That's clearly not the future people want," Carr says. "Once they can see their options and say, 'This is not what we want,' then the challenge is to define what they do want. That will require significant changes in public policies that take us from where we are now to what we want."

In the past, Florida's development has been disjointed, an accumulation of decisions about small pieces of land, without regard for the whole. LUCIS shows the cumulative effect of those decisions and how future land use decisions can make things better — or worse.

It's difficult to arrive at a "common land ethic," Zwick acknowledges. One reason might be many residents don't consider Florida home. One of his goals is to use LUCIS to encourage Florida's diverse populations to discuss land use and arrive at a shared vision for the future.

"LUCIS can help us visualize the future we want," Zwick says. "Researching that future may require some tough choices; but if we can identify a common goal, we're halfway there."



Marie Vogler

Florida Tomorrow is a day ...

when education of future professionals in design, construction and planning are linked in global partnerships.

To Preserve the Past

In UF's College of Design, Construction and Planning, a sturdy suitcase and a passport are as important to success as textbooks and art supplies.

Marie Vogler discovered that when she embarked on graduate studies in architecture and historic preservation. Her class work took her to Nantucket Island, Mexico and Italy. The off-campus programs allow students to learn in actual "living" laboratories, while helping the guest communities care for historic buildings.

Preservation Institute: Nantucket has been training students for 35 years. The island has more than 800 structures that predate the Civil War, providing an unmatched historic backdrop for studies of planning and design.

During Vogler's studies, students worked on an affordable housing project. Nantucket's isolation — 30 miles off the coast of Cape Cod, Mass. — makes it an expensive place to live and also makes it difficult for islanders to find laborers for carpentry and painting jobs. Students explored the idea of converting an apartment complex into low-cost housing for workers prior to tourist season, then renting it to tourists once the season arrived.

Preservation Institute: Caribbean took Vogler and classmates to Mexico. In Mexico City, they learned how residents migrated out of

the historic city center and how the city is trying to lure them back. In Guadalajara, the students faced a challenge — transportation of water — they hadn't faced in any projects in the United States.

Vogler's favorite trip was to the Vicenza Institute of Architecture in Italy. The satellite learning program is run by a rotating staff of UF professors and combines the latest in architectural design with Renaissance architecture and history. There Vogler could combine her studies of architecture and historic preservation.

"In Venice, you could see the old buildings and how they had fallen apart, and how they were being put back together," she says.

As an undergraduate, Vogler was prepared for her foreign travels with short-term studies in Charleston, S.C., Savannah, Ga., and St. Augustine. Since then, she also studied in Tampa's historic neighborhoods, returned to Mexico to study at a World Heritage site and took a trip west to hurricane-ravaged New Orleans, where she and classmates documented architectural styles and materials in the Ninth Ward.

Those experiences, Vogler says, helped her appreciate historic preservation and understand her role. She hopes to find a job in a city with a rich history. And, no doubt, she'll keep her passport handy.



Domenic Scorpio





Florida Tomorrow is a belief ...

that sustainability is the essence of great design and meaningful interventions in our built and natural environments.

Knowledge and Training

The worlds of architects and builders often intersect, and at that intersection you'll find Domenic Scorpio.

Scorpio found training in both architecture and building construction in the University of Florida's College of Design, Construction and Planning and turned his blend of the two professions into a successful partnership with Gainesville's PPI Construction Management.

He started as an undergraduate heading for a career in architecture. When he changed course upon entering graduate school, the college accommodated him. As a builder, he says, he draws on both disciplines.

"Having the architecture background made it much easier to read, understand and interpret 2-dimensional blueprints into 3-dimensional buildings," says Scorpio, who received his bachelor's degree in architecture in 1994 and master's in building construction in 1998.

"A lot of what we do as builders is in the preconstruction or planning phase, working with architects, engineers and owners. With my architectural background, I can offer so much more," he says. "As a builder, my role is not to critique design but to make suggestions that can save money without impacting the design. Having a degree in architecture allows me to better understand the architect's perspective."

His studies prepared him well for the world of building construction. In architecture, studio work is the main method for delivering education. In the first four studios, Scorpio says, the work is somewhat abstract. Four more studios follow as students get more deeply into the architecture curriculum. All are intense and time-consuming.

"For the first four studios, you are engaged artistically in an abstract fashion," he explains. "You won't hear the word 'door' or 'window,' nothing related to a real building. And once you're in a design studio, that's basically your home for the semester and the 20 or so students become your family, because a majority of your time is spent on projects."

Scorpio's father also was a builder, so returning to his roots in graduate school felt natural. UF students and alumni might recognize several projects in which Scorpio has had a hand, including the university's baseball and basketball training facilities, the Genetics & Cancer Research Center and the HUB renovation. Scorpio often visits to speak to classes, and in 2006 the university named him an Outstanding Young Alumnus. He's glad, he says, to have both an architectural and building construction perspective.

"I learned a way of thinking about space and how it's defined through building," Scorpio says. "The college undoubtedly trains you to be very creative."



Our Vision of Tomorrow

How will we change tomorrow?

This simple question leads to many possibilities. At the University of Florida College of Design, Construction and Planning, we have been working to change tomorrow through educating future leaders and providing solutions for today's leaders. Our faculty, students and alumni are shaping communities and influencing the direction of the fields of architecture, building construction, historic preservation, interior design, landscape architecture and urban and regional planning.

Our graduates are changing tomorrow by creating and sustaining the built and natural environments in America's communities. As we are confronted with escalating growth, making the right decisions about what to build, where to build, as well as how to balance change with preserving precious assets requires the expertise our alumni offer.

Our faculty is changing tomorrow by providing the most comprehensive and fully-integrated professional education while

conducting research and pushing the boundaries of discovery. They challenge perceptions of today's society to envision tomorrow's possibilities.

Our students are changing tomorrow by absorbing instruction from the studio and classroom and moving beyond conventional ideas to create new solutions. Students are developing an understanding of, and respect for, tradition in community design, the skills to tackle the complexities of present day development challenges and a vision for better communities.

How can you change tomorrow?

This question may not be simple to answer. With so many needs in today's environment, it's a critical choice when determining how to impact other people's lives and build upon your legacy. Your support for DCP provides the opportunity to support students and faculty as well as impact the future of our communities.

Supporting faculty and students: Faculty is the key to the sustained educational, research and outreach successes of the col-

lege. Your support will help recruit and retain the most talented faculty drawn from nationally competitive searches, creating an education environment that in turn attracts the brightest students. In addition, new programs, such as Practitioners in Residence, will cut across disciplinary lines and enable faculty and students to remain fully engaged with the ever-changing art of creating communities.

An especially important component of DCP's professional education is to expose students to design, construction and planning processes beyond what can be conveyed in classes on campus. The organized off-campus studios, workshops and study-abroad courses throughout Florida, and in select locales around the globe, provide students with an incomparable educational experience. Funds to enable more students to participate, and to offset the instructional costs of off-campus opportunities, will ensure that these same advantages are available to future students.

Environment for learning: The college's facilities and technology are critical components to ensuring programs continue to excel. As a LEED Gold certified building, Rinker Hall serves as a model for UF's campus and as a teaching tool for the principles of

sustainability. Your support for facilities will allow us to enhance the environment for studio-based programs and to further incorporate new technologies into the studio and classroom.

Research centers: The college research centers and programs serve as a conduit for faculty to collaborate on research and to identify strategies to serve communities throughout Florida and beyond. Your support for graduate students and affiliated faculty will help the centers undertake research that can make real change in our communities.

Sustainability: DCP has a history of including sustainability as part of the curriculum. Your support in this area would help us enhance current programs and bring offerings in sustainable design and construction off-campus, through an expanded array of distance learning opportunities centered around Web-based courses.

For decades, DCP has led the state and nation in providing quality professional education, community outreach and solutions through research. Your support through the *Florida Tomorrow* campaign is essential to sustaining the excellence that is evidenced in the work of our faculty, students and alumni. Together, we can change tomorrow.





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