



COLLEGE OF DESIGN, CONSTRUCTION AND PLANNING

RESILIENT BUILT ENVIRONMENTS - CLUSTER HIRE

The College of Design, Construction and Planning (DCP) at the University of Florida invites applications for up to four (4) open-rank tenure-track faculty positions under the theme of '**Resilient, Smart, Sustainable and Healthy Built Environments**'. These positions are part of a major new initiative to build on the College's strength in the design, construction and planning of the built environment.

The successful candidates will form the core faculty for the University's proposed Florida Institute for Built Environment Resilience (FIBER), with the most senior hire assuming the position of Director of the Institute. Candidates should hold a PhD or professional graduate degree and be tenure-eligible in one of the DCP units of Architecture, Construction Management, Interior Design, Landscape Architecture, and Urban and Regional Planning. Competitive candidates should have strong and innovative research expertise in one or more of the following research areas:

Landscapes and Communities

- Embedded resilience in existing and future urban environments;
- Designs that revive inner city neighborhoods and/or minimize urban sprawl;
- Urban Metabolism;
- Impact of climate change

Building and Facility Systems

- Design of environmental systems for buildings that enhance human wellbeing and productivity;
- Use of renewable resources, innovative material research and/or reuse of existing materials in design and construction of buildings

Infrastructure Systems

- Distributed energy systems;
- Socio-technical systems design;
- Design of transportation systems to reinforce compact community design and to enhance livability;
- Critical infrastructure systems

Technology

- Computer-based modeling and simulation of built environment interdependencies;
- Systems thinking, *system of systems* concepts and intelligent/smart systems;

The Florida Institute for Built Environment Resilience (FIBER) is positioned to become a key global player in the planning, design, construction and management of built environments and, in addition to developing close interaction with existing faculty, centers and initiatives within DCP, it will seek to build strong collaboration with other colleges and entities at UF, and with international centers of excellence.

DCP is uniquely equipped to address the major challenges posed by rapid urbanization, climatic and demographic changes, sustainability imperatives, and the need for synergy between the built and natural environments. It houses all the critical disciplines that have an impact on the planning, design, construction and sustainability of built and natural environments.

Established in 1925, DCP is a preeminent college of design, construction and planning. The Fall 2016 enrollment of 1,400 students includes approximately 900 undergraduates and 500 graduate students (120 PhD students). The College employs over 140 academic, research, administrative support and other staff, which includes 54 tenured or tenure-track faculty members.

The University of Florida is a major, public, comprehensive, land-grant, research university. Founded in 1853, UF is the state's oldest university and is among the nation's most academically diverse public universities. Today, UF has more than 50,000 students, one of the largest universities in the country. More than 100 undergraduate majors are offered in 16 colleges. UF has a long history of established excellence and is one of only 17 public, land-grant universities that belongs to the prestigious Association of American Universities. UF is proud to be a leader in fostering international understanding, and in developing the networks of students and scholars who collectively work to build a brighter future for the world.

Applications will be received until all positions are filled. Interested applicants are encouraged to apply at <https://jobs.ufl.edu> using requisition number 501316 Director and Professor (position number 00032099), requisition number 501321 Associate Professor (position number (00032098), and Assistant Professor (position number (00032097). To ensure full consideration, the required documents (CV, letter of interest, research agenda/portfolio, and names and contact information for a minimum of three references – the references will not be contacted prior to permission from applicants) should be submitted by September 22, 2017 when the Search Committee will begin reviewing applications.

For additional information, contact Dr. Abdol Chini, Search Committee Chair (Phone 352-294-1407 or chini@ufl.edu).

The University of Florida is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Persons with disabilities have the right to request and receive reasonable accommodation.