

Full Member Profile

The Full Member Profile this time is the University of Florida - College of Architecture. Professor R.W. Drummond is Dean and its exceptional level of involvement in CIB is vividly demonstrated by its provision of three Coordinators and one Joint Coordinator in the form of:

W63 - Coordinator Dr. Robert Stroh
W99 - Coordinator Dr. Richard Coble
TG16 - Joint Coordinator Dr. Charles Kibert
TG24 - Coordinator Dr. Raymond Issa

Contact Address

Prof. R.W. Drummond
Dean
University of Florida - College of Architecture
P.O. Box 115701
Gainesville FL 32611-5703
United States
Tel: +1.352.392 4836
Fax: +1.352.392 7266
E-mail: arcdean@ufl.edu

The College of Architecture of The University of Florida

Location

The College of Architecture of the University of Florida is located in Gainesville, Florida, USA. The University is within a 120 mile radius of Orlando, Tampa, and Jacksonville, Florida. The University of Florida has an approximate enrolment of 42,000 students, 1600 of which are enrolled in the five academic units of the College of Architecture.

Mission

The College of Architecture provides education, research and service for the built and natural environments of Florida, the nation and the world. Established as a school in 1925, the college has grown to be one of the largest design, planning and construction institutions in the country. A unique aspect of the college is the scope of its professional disciplines which, at the undergraduate level, include architecture, building construction, interior design and landscape architecture. Graduate programs are available through the M.E. Rinker Sr. School of Building Construction, the Department of Architecture, the Department of Urban and Regional Planning and the Department of Landscape Architecture. The college offers a Ph.D. program with concentrations in architecture, building construction and urban and regional planning.

The Architecture and Fine Arts Library and the Visual Resources Center are the largest collections of their kind in the Southeast. Together they provide books, government documents, American and foreign periodicals, subject files, microtext, slides, photographs, reproductions and other materials for

undergraduate and graduate studies. The AFA Library also maintains its own Rare Book Collection for scholarly research. Services include a professional reference service ready to assist in guidance and searches for information. Students may use additional resources in the university libraries system.

Expertise

The academic units within the College of Architecture have over the years developed expertise in areas transcending architecture; building construction; urban planning; landscape and interior design. Specific areas of expertise include geographical information systems; fire suppression; sustainable construction; construction management; historical preservation; and architectural design.

Contact with Industry

The College of Architecture conducts professional development and continuing education classes for architects, construction professionals, landscape architects, interior designers, and urban planners. The College advisory boards for all these professions consist of industry leaders in the US. Over 20,000 College of Architecture alumni are working in these professions maintaining loyal contacts with the University of Florida.

Experience in Managing Research

The academic units within the College of Architecture conduct over \$ 4 million a year in funded research. Research projects are currently being conducted in the areas of historical preservation; fire suppression systems; hurricane shelters, hazard mitigation and testing protocols; housing and regional planning databases; sustainable construction; workers compensation; integrated computer communication and data acquisition; and geographical information systems.

International Contacts

The College of Architecture as a Full Member of CIB, is very active internationally and has contacts with both CIB and non-CIB entities. The College of Architecture has a center established in Vicenza, Italy for education and research along with the Preservation Institute: Caribbean. The College of Architecture has exchange cooperation agreements with:

- Lahti Institute of Technology, Finland
- The Royal Melbourne Institute of Technology, Australia
- Chalmers University of Technology, Sweden
- Fachhochschule Lippe, Germany
- The Ministry of University Affairs of Thailand and the Consortium for Thailand's Architectural Education which includes the following schools:
 - Chulalongkorn University
 - Silpakorn University
 - King Mongkut's Institute of Technology
 - Khon Kaen University
 - Kasetsart University
 - Chiang Mai University

The M.E. Rinker, Sr. School of Building Construction has cooperation agreements with:

- Costa Rican Institute of Technology, Costa Rica
- China Association of Construction Education, People's Republic of China, representing 10 schools:
 - Beijing Institute of Architectural and Engineering

- Chongqing Jianzhu University
- Harbin University of Architecture and Technology
- Nanjing Architectural and Civil Engineering Institute
- Northwestern Institute of Architectural Engineering
- Official Training Institute of Ministry of Construction
- Shenyang Architectural and Civil Engineering Institute
- Suzhou Institute of Urban Construction & Environment Protection
- Tongji University
- Wuhan Urban Construction Institute

In addition, the M.E. Rinker, Sr. School of Building Construction has conducted or is planning international construction related conferences in Beijing, China; the Middle East and Caracas, Venezuela.

High Level Training Activities

The College of Architecture and the M .E. Rinker, Sr. School of Building Construction, in particular, have conducted high level training activities ranging from Executive Management Academies for construction company executives; to seminars in construction project management sponsored by the People's Republic of China's Ministry of Construction for University professors.

SCOPE OF THE PROGRAMS

Department of Architecture

The Department of Architecture is the oldest accredited architectural program in the State and one of the largest in the USA. It was initiated in 1925 as a four-year program and in 1929, a graduate degree program was added. The professional programs in architecture lead to the Bachelor of Design and the Master of Architecture degrees and require both undergraduate and graduate study. The programs are intended to foster the intellectual growth of the students and materially add to the discipline of architecture. Areas of study synthesised in the design studio include analysis of context, cultural settings, history, spatial experience, structures, technologies, and design methods. Graduates are highly sought after by both professional offices and academic institutions nation-wide.

In addition to the courses offered at the Gainesville campus, the Department administers College wide programs in Vicenza, Italy; Nantucket, Massachusetts; Miami, Florida and various areas of the Caribbean. The Department of Architecture is home to the following interdisciplinary centers:

- The Center for Architectural Technology Research (ARCHTECH)
Established in 1987.
- Research and Education Center for Architectural Preservation (RECAP)
Established in 1979.
- Tropical and Subtropical Architectural Research Center (TROPARC)
Established in 1981.

M.E. Rinker, Sr. School of Building Construction

The M.E. Rinker, Sr. School of Building Construction began as a program under architecture in 1935 and was established as a Building Construction Department in 1957. In 1976, the School of Building Construction was established and was the first recognised by the American Council for Construction Education. Since 1989, the School has been endowed with gifts totalling \$ 14 million from M.E. Rinker, Sr. and Rinker Materials Corporation of West Palm Beach, Florida and was renamed in Mr. Rinker's honour. More than 3,000 undergraduate and 250 graduate students have received their degrees from the

M.E. Rinker, Sr. School of Building Construction, the oldest such school in the nation. Graduates of the M.E. Rinker, Sr. School of Building Construction begin work following graduation as project managers, field engineers, cost engineers, assistant superintendents, quality controllers, and estimators. Housed in the School are four interdisciplinary centers. They are:

- The Shimberg Center for Affordable Housing
Established by the Florida legislature in 1988.
- The Center for Construction and Environment
Established in 1991.
- The Center for Fire Testing and Research
Established in 1991.
- The Center for Construction Safety and Loss Control
Established in 1991.

Department of Landscape Architecture

The Department of Landscape Architecture is the oldest program in Florida and the only undergraduate program accredited by the Landscape Architectural Accreditation Board. It offers bachelor degrees with emphasis on the art and science of design, planning, management, and the arrangement of natural and manmade elements on the land through application of cultural and scientific knowledge. Graduates are sought by professional offices, and in leadership positions in municipal, state or federal recreation, landscape architectural or planning agencies, and in the construction or horticultural industries.

Department of Interior Design

The Department of Interior Design is accredited by the Foundation for Interior Design Education Research. The curriculum is structured to provide a knowledge of the principles of the humanities, social and physical sciences, and the manner in which they are integrated and applied in the design process to creatively resolve problems of the interior environment. Graduates of this program assume positions in interior design offices, architectural firms or generate their own practices.

Department of Urban and Regional Planning

The Department of Urban and Regional Planning is a graduate program accredited by the Planning Accreditation Board. The curriculum combines a traditional focus on land use and the physical development of communities with a strong social science orientation. The courses seek a balance between planning theory and the technical expertise necessary for effective and creative practice. The concern is with efficient solutions to problems, but always with an awareness of a planner's responsibility to equity and fairness - and a special commitment to the poor and minority populations. The graduates of the Department of Urban and Regional Planning occupy leadership positions in government, community organisations, development and real estate firms, and private consulting practices.

The Department of Urban and Regional Planning is home to two interdisciplinary centers. They are:

- The Geofacilities Planning and Information Center (GEOPLAN)- Established in 1987.
- The Center for Community Redevelopment - Established in 1987.

College of Architecture Ph.D. Program

The Ph.D. Program in the College of Architecture is designed to provide research competence in the theory, methods, history and epistemological traditions of design, urban planning and environmental design, and the construction arts and sciences. Only in recent years has research in these fields developed

beyond the traditional scholarly interest in architectural and construction history. A rich tradition exists in the field of urban and regional planning and its closely associated disciplines, however architectural and design research is now emerging. This new scientific sophistication is beginning to develop its own theory and methodology.



Student Activity in the Department of Interior Design



Field Trip to Interface International Inc. One of the world's largest carpet manufacturer's specialising in carpet tiles for office and health care installations. Here four members of the Class of 1998 examine mechanised looms and yarn sorters feeding in proper coloured yarns to generate a multi coloured and patterned carpet. A company representative from engineering explains the process to Anna Mihelik, JoAnn Schellenberg, Ann-Marie Lima, and Catherine Friday (left to right). The plant is located in LaGrange, Georgia, USA.



Here four members of the Class of 1998 examine the finished product about to receive laminated backing prior to being cut into 18" or 24" squares. Mr. Mark Taylor, Company representative, talks with George Paton, Leslie Spievak, Andrew Foray and Denise Earls (left to right). The plant is located in LaGrange, Georgia, USA.



A Junior Class Field trip to the site of a residence that is being constructed East of Gainesville, in Interlachen, Florida provided a good opportunity to view construction details and add to their knowledge of sustainable design and construction. The students are designing a small residence in a national competition that is sited here in Gainesville. The Junior year includes course work in sustainability related to interior architecture, materials and furniture along with interior construction detailing and design. The building owner and designer speaks to the class under shelter of the structure.



Faculty members work with Junior students on the design of their sustainable small residence. Prof. Janine King, Holly Paulghi and Laura Iarosis, Prof. M. Jo Hasell (back to the camera) and Brad Guy (left to right), a graduate student from Building Construction that is assisting/consulting on this project. Another student, Angeline Espino works at her computer in the background. 100% of our upper division students own their own computers. The studios are cabled and wired and the students use plotters and laser printers for their work.

