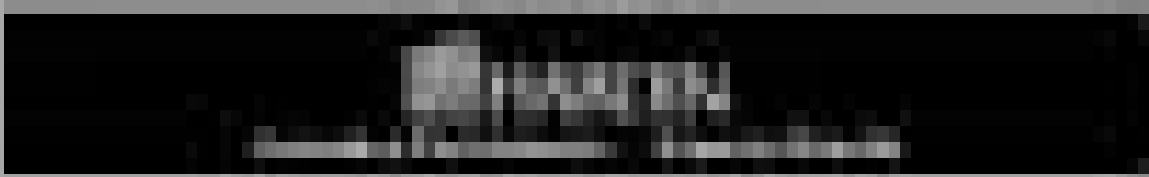


Sponsored by:



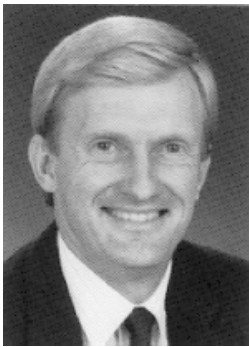
& Dr. Bill Gunby

# Orange & Blue Prints

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

Fall 2002

America's First School of Construction Education  
Dedicated to Construction Science and Management



## A Message From Dr. Charles Kibert

---



The big news, as it has been for the last two years, is the progress in completing Rinker Hall. At present Substantial Completion is unofficially scheduled for the first week in December and we plan to move the faculty and administrative staff into Rinker Hall from Fine Arts C starting about December 21<sup>st</sup>. Centex-Rooney moved from their job trailer into the future Surveying Storage Room on Monday and Tuesday, November 4-5, 2002 and are now conducting their functions out of Rinker Hall. The site is in the process of cleanup and will soon be ready for parking lot and sidewalk installation and landscaping. As you can imagine we are awash in final details, from signage to floor finishes and furniture plus identifying final touches that will make the building even better than we had planned. We expect to phase in classes during the Spring 2003 semester and have mapped all our class sections from their current locations in Fine Arts B and C. The movement will be a function of when telecommunications are available and when the electronic infrastructure of the classrooms is completed.

I think you will find Rinker Hall to be not only an appropriate new home for the M.E. Rinker Sr. School of Building Construction, but also a spectacular building in its own right. Rinker Hall is a three story building with a central atrium and grand staircase leading from the ground to third floor. The skylights above the atrium provide natural light into the core of the building. Interior spaces with no windows to the outside have interior windows that allow light even into these spaces. We now have a wide range of laboratories for teaching structures, soils/concrete, and mechanical/electrical/plumbing concepts. Rinker Hall will also have an approximately 8,000 square foot outdoor walled area that we refer to as the Construction Demonstration Area. We plan on using this area for a variety of purposes: teaching, research, and Crafts Awareness Training. This spring semester we plan on providing the first formal instruction to students on crafts training, starting with masonry construction. The Concrete Masonry Association has been very supportive in assisting the faculty in creating a curriculum that will inform BCN students about how masonry craftspeople are trained and provide our students with some hands-on instruction as well as show them the differences between good quality and poor quality construction. We hope to introduce a wide variety of crafts over time and weave these modules into the coursework of the program.

Our biggest issue at present is the same one we have faced for the past year and that is completing the funding of Rinker Hall. We initiated an effort to raise \$1 million about a year ago to furnish the building and complete construction. Due to the re-siting of Rinker Hall, unexpected underground conditions, and changes to the fire protection system, additional funds were needed to complete the building. I would like to thank our generous alumni and benefactors for providing us about \$500,000 thusfar for this campaign. We still need to raise the other \$500,000 and are confident that with your support, we will be able to do this in the next several months. A special thanks to Steve Palmer, CEO of Stiles Corporation, for putting together and extensive mailing campaign directed at BCN alumni.

On other fronts, the School's newly formed Design-Build team, which participates in competitions against other universities, has done very well. For the second straight year, the length of its existence, the DB team won the southeast regional competition this past month in Birmingham. This win qualifies the team to compete in the national competition in the Spring. The coach of the team is Dr. Dennis Fukai and the team members are: Matt Kiziah (S1), Lewis Van Alstyne (J2), Paul Darrow (S1), Carolina Lara (Arch) and Kellie Kirby (J2). Congratulations to the DB team!

We look forward to seeing all of you in the coming months and showing you Rinker Hall. Thanks again for all your support – your interest and participation make the Rinker School the truly outstanding institution it has become.

# Table of contents

Rinker Hall Update ...4

Brick Paver...5

## BCN Centers and Programs

Fluor Program for Construction Safety...6

Shimberg Center for Affordable Housing...7

Greening UF Program...7

Powell Center for Construction and the Environment...8

Center for Collective Protection in the Built Environment...9

## BCN Student News

AGC Student Chapter...10

Germany Exchange Program...11

Construction Management Team...12

Design-Build Team...13

ABC Student Chapter News...13

Alumni News...14

Faculty News...16

Rinker Apparel...18

## University of Florida M.E. Rinker, Sr. School of Building Construction

Dean – College of Design, Construction and Planning  
**Dr. Jay M. Stein**

Director of M.E. Rinker, Sr. School of Building Construction  
**Dr. Charles J. Kibert**

Associate Director and Director of Undergraduate Programs  
**Dr. Robert Cox**

Director of Graduate and Distance Education Programs  
**Dr. Raymond Issa**

### *Center Directors*

Shimberg Center for Affordable Housing  
**Dr. Robert Stroh**

Powell Center for Construction and the Environment  
**Dr. Abdol Chini**

Center for Collective Protection in the Built Environment  
(Tentative New Center)  
**Dr. Kevin Grosskopf**

### *Program Directors*

Fluor Program For Construction Safety  
**Dr. Jimmie Hinze**

Greening UF Program  
**Mr. Dave Newport**

**M.E Rinker Sr. School of Building Construction**  
**101 Fine Arts Building C**  
**PO Box 115703**  
**Gainesville, FL 32611-5703**  
**Phone: 352-392-5965 (Until December 31, 2002)**  
**352- 273-1150 (Effective January 1, 2003)**  
**Fax: 352-392-9606**  
**[www.bcn.ufl.edu](http://www.bcn.ufl.edu)**

## Orange&BluePrints

*Editor*

Joyce de Guzman

## SPONSORS:



Dr. Bill Gunby

**EFFECTIVE JANUARY 1, 2003**

**ALL PHONE NUMBER FOR FACULTY AND STAFF  
AT THE M.E. RINKER, SR.**

**SCHOOL OF BUILDING CONSTRUCTION WILL BE CHANGED.  
THE MAIN OFFICE PHONE NUMBER WILL BE**



**352-273-1150**



RAISING EXPECTATIONS  
AND BUILDINGS  
FOR OVER 50 YEARS

HARDIN CONSTRUCTION COMPANY, LLC | ATLANTA ◊ TAMPA ◊ ORLANDO | [www.hardinconstruction.com](http://www.hardinconstruction.com)

# RINKER HALL UPDATE

It has been more than a year since the construction of Rinker Hall began. The official ground breaking was held August 16, 2001 marking the beginning of what will be the new home for the M.E. Rinker, Sr. School of Building Construction.

At this point, the building is more than 90 percent completed. Work by the subcontractor is rapidly bringing the building from drawings to physical reality. Allen Spears Construction Co. has been adding the finishing touches on the brick façade, which is located on the west and south sides of the building. Kistler McDougal has nearly concluded the installation of the metal panels on the exterior of the building. Lake Glass has completed the installation of the storefront and curtainwall glass systems and has installed all the operable windows for the classrooms. Oasis Landscaping has been chosen as the subcontractor to carry out all the work involved in the landscaping and irrigation of Rinker Hall, the major feature of which will be palm trees on the west side and southwest corner of the building.



In terms of the interior of the building, Olympic Painting has completed priming and painting of the second and third floor classrooms. Suncoast has begun installation of the ceiling grid on the second and third floor classrooms. Installation of insulation and drywall is near completion throughout the entire building.

In mid-December 2002, the building is expected to be substantially completed and classes are scheduled to begin in the new building during the spring semester.



# Help Build the Future with the BCN Brick Paver Campaign!

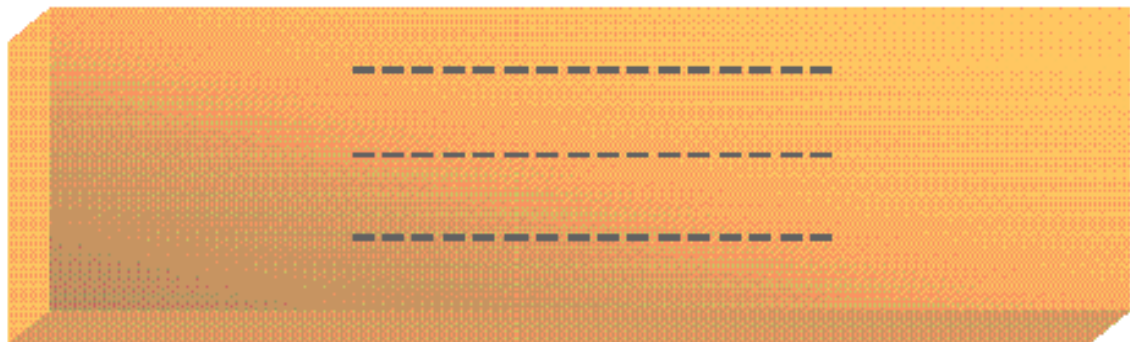
Want to have your name in Rinker Hall, the new home of the M.E. Rinker, Sr. School of Building Construction? Buy a brick paver, support your school, and have your name etched in stone for the world to see!

The 4" x 8" brick pavers are available to students, alumni and friends for \$125.00. There is a 3 line limit, with a 16 character limit per line. Each space, period or other such punctuation is considered a character.

Please fill out the information as you want it to appear of the paver.



← Examples →



**Please make checks payable to U.F. Foundation. Do NOT send cash.**

Send checks to: University of Florida  
M.E. Rinker, Sr. School of Building Construction  
PO Box 115703  
Gainesville, FL 32611

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ Phone \_\_\_\_\_

Number of Bricks Ordered: \_\_\_\_\_ Total Amount Enclosed: \_\_\_\_\_

# Fluor Program for Construction Safety

contact: Dr. Jimmie Hinze hinze@ufl.edu

The Fluor Corporation carefully selected 15 of its safety professionals and sent them to the second class for the Certification for Professional Safety Management course that was held at the University of Florida campus this past October. The course was intensive with classes beginning on October 5 and ending on October 11. The course covers many of the fundamentals of the OSHA regulations but this class goes much further. The course is an in-depth treatise on how to set up a project to achieve the objective of zero accidents. In fact, Fluor has had such success in its safety mission that the objective has now become one of pursuing the goal of zero incidents.



Fluor Corporation participants complete their Certification for Professional Safety

Photo: R. Issa

The primary instructors and organizers for the classes were Rick Florence (Fluor office in Sugarland, Texas), Ron Nunez (Fluor office in Greenville, South Carolina) and Dr. Jimmie Hinze of the Rinker School. Some lectures were also provided by Frank Aleman and Gary Tominek, both from Fluor.

While the course is intense, with homework assigned most evenings, there is also time for some fun and enjoyment. In fact, some of the class sessions are conducted as games that have a true learning component. During the week-long course, each of the participants is assigned to a team. The team members work together during the week on various assignments. Since the Fluor participants come from various locations within the United States, this course helps to broaden the network of contacts that each of the participants will have in the Fluor organization. The course was regarded as a tremendous success, just like the first course.

A.B. Robinson, Vice President of Fluor Corporation, attended the classes for the last two days and participated in the graduation ceremonies for the course. The Rinker School is proud of its close relationship with the Fluor Corporation and looks forward to the next course to be offered during the next semester.

**PURCHASE  
YOUR SIGMA  
LAMBDA  
CHI  
POLO!**



Available Colors:  
White  
Light Tan  
Light Gray  
Navy  
Red  
Sand

Sizes: S - XL  
\$25.00

**To Purchase:**  
Please contact  
Dr. Leon Wetherington at  
lwether@ufl.edu

# Shimberg Center for Affordable Housing

contact: Dr. Robert Stroh stroh@ufl.edu

In 1998 the Shimberg Center for Affordable Housing in the Rinker School of Building Construction entered into a contract with the Florida Department of Insurance to construct a series of regional Windstorm Damage Mitigation Training & Demonstration Centers. The third facility was completed in 2002 in St. Augustine on the grounds of the St. John's County Cooperative Extension Service.



As with the facilities that have been completed in St. Lucie County and in Escambia County, the St. John's County building is constructed with polystyrene insulating concrete forms, impact resistant glazing, three types of shutters, high-wind resistant shingle roof covering, and a reinforced garage door. Cut-away wall sections provide visitors to the building with visual access to the internal wall and roof construction and reinforcing.

The Institute of Food and Agricultural Sciences' extension service faculty will manage the use of the buildings and will facilitate the educational programming conducted in the facility.

A fourth and final training and demonstration facility is being planned for the Broward County Cooperative Extension Service site located in Davie, Florida.

## Greening UF Program Update

contact: Dave Newport dnewport@ufl.edu

Of major note to the entire university, the recommendations of the UF Sustainability Task Force (co-chaired by Dr. Kibert, staffed by Greening (GUF) director Dave Newport), were unanimously approved by the Faculty Senate in October and sent to the President for implementation.

President Young indicated in a meeting with task force leaders last month that he supports the plan to make UF a global leader in sustainability. The task force is now writing an implementation plan that will detail how each of the 45 fairly sweeping recommendations will move forward.

The task force was first proposed and designed by GUF in 2000. The text of the recommendations is available at <http://www.sustainable.ufl.edu>

In a related matter, GUF's publication last year of the first sustainability indicators report for a university written to global business standards has turned some heads. GUF director Dave Newport is now on a team together with Dartmouth College's head of research Larry Litton, the assistant director of the United Nations Environmental Programme, Bill Mansfield, and the director of the University Leaders for a Sustainable Future to further develop this standard for use by other universities. The team is working with the international business community to create a custom "sector supplement" for universities worldwide based on UF's report. This supplement would standardize sustainability reporting globally among universities such that benchmarking and leadership initiatives could be quantified. The aim is to be able to demonstrate UF's advances in these areas as the sustainability agenda is implemented here and UF moves toward a global leadership position.

# Powell Center for Construction and the Environment

contact: Dr. Abdol Chini chini@ufl.edu

The demolition of buildings produces enormous amounts of debris that in most countries results in a significant portion of the total municipal waste stream. Deconstruction is emerging as an alternative to demolition around the world. Deconstruction is the systematic disassembly of buildings in order to maximize recovered materials reuse and recycling. While the process of demolition often leads to the mixing of various materials and contamination of non-hazardous components, deconstruction is actually the source separation of materials.

The Powell Center for Construction and Environment at the University of Florida, one of the pioneers in research and development of technology on building deconstruction, is organizing the 11<sup>th</sup> Rinker International Conference on Deconstruction and Materials Reuse to be held on May 7-10, 2003 in "Rinker Hall" on the campus of the University of Florida. This event is in conjunction with annual meetings of Task Group 39 of the International Council for Research and Innovation in Building Construction (CIB) and the Used Building Materials Association of North America (UBMA). Several international, national, and local organizations are co-sponsoring this conference including, United Kingdom Building Research Establishment (BRE), French-German Institute for Environmental Research (DFIU), Delft University of Technology, US Environmental Protection Agency (EPA), US Army Corps of Engineers Civil Engineering Laboratory (CERL), USDA Forest Products Laboratory (FPL), Florida Department of Environmental Protection (DEP), RecycleFlorida Today (RFT), Alachua County Waste Management Division, and City of Gainesville Public Works Department.

The objective of this conference is to provide information about worldwide

building deconstruction and materials reuse programs that address the key technical, economic, environmental, and policy issues needed to make deconstruction and reuse of building materials a viable option to demolition and landfilling. Themes selected for the conference include, deconstruction techniques and tools, deconstruction case studies, deconstruction and materials reuse business development and marketing, deconstruction environmental health and safety and hazardous materials, reuse and recycling opportunities and constraints, design for deconstruction and materials reuse, regulatory and policy issues, and military base deconstruction.

Authors/presenters are invited to submit an abstract of up to 150 words for presentation and/or publication on one of the conference themes not later than November 30, 2002. Submission should include the paper/presentation title, authors/presenters (with affiliations), address, telephone, and e-mail address of the corresponding author/presenter, and an abstract of the paper/presentations. Please indicate if the submission is for presentation only or for presentation and publication. Deadline for submission of abstracts for presentation only is January 15, 2003.

The conference provides an opportunity for businesses, public institutions, and publishing houses to showcase tools, books, journals, other products, and services to a diverse audience in the public and private sectors with a demonstrated interest in sustainable construction.

## Activities of Powell Center for Construction and Environment

The Powell Center for Construction and Environment recently completed the organization and conduct of a national landscape design competition supported by the National Endowment for the Arts New Public Works Program. The competition generated designs for the West 6th Street Rail Trail as the "Gainesville Eco-History Trail." The design competition was conducted in partnership with the City of Gainesville and ninety-nine firms requested the competition package. An internationally renowned jury came to Gainesville to jury the nineteen entries received from across the US and the UK. The top three awards all went to Florida firms, two of the three from Gainesville.

The Powell Center continues to be very active in the field of deconstruction, in particular the management of obsolete WW-II era military buildings. Brad Guy spent 10 weeks this past summer at Ft. Campbell, KY dismantling a variety of buildings ranging from warehouses, barracks and administrative buildings, alongside Austin Habitat for Humanity and Americorps NCCC, and conducting research on behalf of the US Army Construction Engineering Research Laboratories (CERL) and the US EPA.

The Powell Center has been awarded a grant from the US EPA Innovative Grants Program for a project entitled "Deconstruction and Design for Reuse" whereby the dismantling of a wood-framed structure in Gainesville will be coupled with the design of an addition to the Reichert House, based upon the architecturally appropriate and maximum reuse of recovered materials. On November 8, 2002, representatives from US EPA Headquarters and the Florida Department of Environmental Protection hosted a press event in Gainesville highlighting deconstruction and EPA's support of this innovative building materials waste reduction strategy.

Other current projects at the Powell Center include a research survey of the building deconstruction and materials reuse industries and working with the Department of Defense and other agencies on methods of building dismantlement to optimize building removal while meeting goals of materials recovery in an expeditious and cost-effective manner. Future projects include working with the City of Gainesville on its green building program and Brownfields redevelopment.



# Center for Collective Protection in the Built Environment

(Tentative New Center)

contact: Dr. Kevin Grosskopf kgro@ufl.edu



On 22 October 2002, the Rinker School's newest center held the Collective Protection Workshop, an exchange among key federal, state and regional counter-terrorism experts on the topic of full spectrum threat assessment and protective technologies for at-risk buildings and infrastructure. As tragically demonstrated by September 11, 2001, the United States faces the formidable challenge of protecting its population and commerce centers, mass transit, utilities, food supply, government and military operations centers from a multitude of terrorist threats ranging from conventional explosives to bio-terrorism to information system attack. Each of these threats embodies the need to gather surveillance, intelligence and interdiction capability as well as provide new levels of physical protection and post-incident recovery.



Dr. J. Cattani, USF Biodefense Center

Together with the Department of Defense, FBI, ATF, FEMA and members of the Florida Domestic Security Task Force, The Rinker School and 13 other UF colleges and departments discussed new methods and technologies to address the threat of terrorist use of weapons of mass destruction (WMD) to include new building design, construction and retrofit methods. The Rinker School will serve to transition high-tech research in the natural sciences to proven building products for the government and private industry. Special focus is being devoted to technologies that have dual-use applicability. These technologies may include new blast-resistant building materials for improved hurricane survivability, new reactive wall coatings designed for biological and chemical warfare agents to combat tuberculosis and other common spore-forming diseases in hospitals and prisons, new "sick" building HVAC filtration and disinfection devices, and new emergency power systems for everyday demand-rate reductions and power quality improvement.



G. Laventure, U.S. Dept. of Defense, Force Protection Group

Undoubtedly, the events of September 11, 2001 will rapidly reshape the complexion of the building design and construction industry, much in the same way the environmental and ADA (Americans with Disabilities Act) legislation of the 1970's and 1980's did. As a nationally recognized industry leader with faculty representing nuclear and mechanical engineering, civil and structural engineering, materials science, law, and occupational health and safety, the M.E. Rinker School of Building Construction stands ready to guide the construction industry through perhaps its most important challenge to date.

## AGC Student Chapter Works Industry Sponsorship of 2002 Fall Welcome Reception

Every semester the Rinker School of Building Construction hosts a New Student Welcome Reception for incoming juniors, introducing them to the school's faculty, staff, and student organizations. The Fall 2002 reception was held at University Center Hotel in Gainesville on September 4, 2002 and was sponsored by the East Coast and South Florida Chapters of the AGC as well as Turner Construction Company and Perry-Parrish Incorporated.

Highlighting the evening was a 3-D computerized tour of the 3-year, \$50 million Ben-Hill Griffin Stadium renovation performed by the Turner-PPI joint venture. The presentation was part of the original winning proposal presented to the University Athletic Association in 2000. Students were held spellbound by the complexities of the project; the first ever undertaken during the course of a football season, and the joint-venture concept itself. The presentation represented a changing trend in industry and teaching at the Rinker School by placing added emphasis on communication and CM skills for negotiated work.



Photo (left to right): Anne Marie Sowder, Vice-President; David Pye, President; Nick Freese, Secretary; Cameron Rahe, Historian and Technology Coordinator; Greg Schlabach, Treasurer; Eric Huston, Volunteering and Events Coordinator.

The University of Florida's student chapter of AGC presented its new executive board at this event, and President David Pye took the opportunity to speak about AGC and to recruit 35 new students. The goal for the University of Florida Student Chapter of the AGC in 2002-2003 is not simply to sustain its 60 members, national awards, and \$30,000 of scholarship and community service grant support from 2001-2002, but to increase its membership and presence in industry and within the community.

### **Ben Hill Griffin Stadium Renovation Project "Did you know"...**

- \* That if all the blueprints printed for the stadium renovation project to date were laid side by side, they would cover the football field almost 10 times, some 515,000sf?
- \* That each of the new pre-cast raker beams that support the new Press Level are connected to the concrete columns by eight steel tendons each stretched by a force of 166,000 lbs, or enough to lift 4 fully loaded semi-trucks off the ground?
- \* That if all of the concrete placed on site were used to construct a standard pedestrian sidewalk, it would extend from Gate 1 of the "Swamp" to downtown Ocala, some 40 miles and 7,000 cubic yards of concrete?
- \* That more than a half-dozen M.E. Rinker graduates are managing the project for Turner-PPI, and as many as a dozen more supporting the project as subcontractors and vendors?

# BCN INTERNATIONAL EXCHANGE PROGRAMS

## Germany Exchange Program

contact: Dr. Jimmie Hinzie hinze@ufl.edu

The Germany exchange program is now in its fifth year. This past May, eight students from the University of Florida journeyed to Germany and spent three wonderful weeks in this immersion class. The students get a quick introduction to the geography, history, government and customs of the Germans. The formal classroom lectures are interspersed with field trips to various points of interest including castles, magnificent churches, a canal that crosses over a major river, an open air museum containing many restored buildings from the past six centuries, and various construction sites including residential projects, commercial projects, tunnels, and restoration projects. This year the class also visited a facility where photovoltaic cells are manufactured. The last week of the class consisted of the standard tour that includes a visit to a former concentration camp and various sites in Berlin of historic importance, along with construction projects. The tour then continued to Potsdam, the site of the Potsdam Treaty between the Soviet Union, Great Britain and the United States. Also, in Potsdam the students are treated to a tour of the Palace of Frederick II, the great king of Prussia. The trip continued to Dessau, the home of the Bauhaus movement. The students are able to walk through several structures that are built in the Bauhaus style. The last major stop on the tour is Dresden. This is a wonderful city that is located on the banks of the Elbe River. In Dresden the students toured the construction site of the Frauenkirche, a magnificent church under reconstruction that was turned to rubble during WWII.

This fall, eight students from the Fachhochschule Lippe in Detmold, Germany came to the



Gainesville campus and enrolled in several of the classes offered within the Rinker School. Since several of our students had been to Germany in May, the German students found that they already had friends in the Rinker School. The Rinker School is currently making plans for next May when a group of University of Florida students will again participate in the enjoyable program for which they will earn three upper division elective credits. The program is coordinated at the University of Florida through Dr. Jimmie Hinze of the Rinker School.

## CONGRATULATIONS - CONSTRUCTION MANAGEMENT TEAM! —————

This year the Construction Management Team is happy to announce it has two corporate sponsors. For the fourth year in a row, Centex-Rodgers will sponsor the team for the ASC / AGC Regional Competition. Our newest sponsor, London Bay Homes, is sponsoring the team for the NAHB National Competition.

The team members, pictured on the right, are: Josh Jolin (S1), Gannon Olmert (S1), Christain Roux (S1), Robert Cox, Roman Buckner (J1), Jason Bartlett (S1), Amy Hornsby (S1). Amy and Gannon serve as the team's co-captains.



The Team is busy preparing to defend last year's 2nd place regional finish. Preparation includes many hours on the weekend working on "projects", completing estimating exercises, preparing databases, and developing presentations. The competition involves the development of a full project response to actual commercial and housing projects. In each case the team develops complete estimates, cost loaded schedules, cash profiles, strategic plans, marketing strategies, and a full presentation to a panel of industry judges. The ASC / AGC competition requires the team to prepare their entire response to the RFP while on-site within 12 hours. The NAHB response is completed during the holiday break in December. The actual project managers for the project used in the competition serve as one of the judges.

The ASC / AGC Regional Competition is scheduled for November 1-3 in Birmingham, while the National NAHB Competition will take place in Las Vegas in February. Dr. Cox and the members of the Management Team would like to express their thanks to Centex Rodgers and London Bay Homes for their support. If you have any questions about the Construction Management Team, please contact the team's coach / faculty advisor, Dr. Robert Cox. The Construction Management Team competed in the ASC Regional Competition in Birmingham Nov 1-2. The student team worked on the Burger King Corporate Offices in Miami. The team represented the Rinker School well by having two members recognized among the top four presenters. Gannon Olmert and Roman Buckner were awarded "Honorable Mention" for the best presenters among the seven teams participating.

The team is currently preparing the National Association of Home Builders competition packet which will be presented on January 19th in Las Vegas. This year, there are 35 colleges involved in the competition.

### THE BUILDING CONSTRUCTION CAREER FAIR

**February 11, 2003**  
**9:30 AM – 1:30 PM**  
**Stephen C. O'Connell Center**

For more information, check out our website at:  
[www.bcn.ufl.edu](http://www.bcn.ufl.edu) (click on Job Placement)  
Or contact the Job Placement Coordinator  
(352) 392-7538



## DESIGN-BUILD TEAM TAKES ANOTHER FIRST

With sponsorship from the AGC Ed Proefke Endowment, a group of Gators at the Haskell Company, and two state chapters of the AGC, the UF Design Build Team won another first place at the Region II ASC/AGC Student Design Build Competition in Birmingham.

The team members are pictured at right, Lewis Van Alstyne (J2), Carolina Lara (AR), Paul Darrow (S1), Kellie Kirby (J2), and Matt Kiziah (S1) presented an excellent and very professional written solution for a museum restoration. Their almost flawless oral presentation was made before a panel of industry architects and construction managers after more than 24 hours of being locked up in a hotel room together.



The team prepared a 33 page RFQ for their fictitious company prior to the competition and then received programmatic criteria as an RFP issued by Doster and McCarthy Construction early in the morning on the first day of the event.

The existing French Renaissance structure in the RFP was four stories above ground with a full basement. The challenge was to convert the building and present both design and construction solutions for public and administrative areas, security, fire protection, and museum quality MEP engineering. The students spent two weeks researching and preparing for the problem, interviewing museum officials, owners representatives, design-builders, faculty, architects and engineers.

The students analyzed the structure, created multiple design solutions, extensive construction models, and generated estimates and schedules for a fully integrated “fast-fact” approach for both design and construction. Their GMAX proposal included demolition, design, construction, and FF&E coordination.

The team will now travel to the ASC/AGC National Student Design-Build Competition in the Spring of 2003 to compete against the other regional winners. Preparation for the National Competition began the moment the first place award was announced. These students are determined to represent the University of Florida as the nation’s best design-build team.

## ABC Student Chapter News

This semester the ABC student chapter started off in a smashing way. The opening social at The Ale House was a success and new students were introduced to the members of ABC. So far there have been two meetings, each with a different twist. The October meeting was a roundtable discussion with the MEP subcontractors on the new Rinker building. This discussion included Bill Foley, Sr. and Bill Foley, Jr. both from Miller Electric Company, Tom Smith from W.W. Gay Mechanical, and Henry Leon from Brown Automatic Fire Sprinklers. These gentlemen gave the members great insight on the complex coordination of such a project.

However the semester is not over. There are still plenty of events in which to become involved. The officers of ABC have planned a Halloween party, a philanthropic event, and a pool tournament. The faculty advisor for ABC is Dr. Robert Cox. The liaison to the Gulf Coast Chapter is Bob Hendrix. Adam Verducci is president, Joel Kaplan is vice president, Robbie Tiedeman is treasurer, and Jaime Pratt is secretary. The student chapter is currently selling BCN merchandise. Contact Joel Kaplan at [Joelkaplan@aol.com](mailto:Joelkaplan@aol.com) for availability and prices.

# Alumni News

## 1964


**Gary Bruehler**, BBC 1964, retired from the United States Air Force in 1995 and just recently retired from Department of Defense Civil Engineering in 2002. In the military, he was a combat engineer with his last assignment as Commander, RED HORSE (Air Force Combat Engineering Unit). While in the Department of Defense, he worked for the Air Intelligence Agency providing civil engineering support to installations at worldwide locations. He and his wife, Carol, are enjoying tennis, golf and a host of home projects. His daughter, Lori, is a Navy Nurse stationed at Rota, Spain and his son, Gregory, is a toxicologist working for an environmental engineering firm in Anchorage, Alaska. They make their home in Fair Oaks Ranch, Texas. His degree in Building Construction set the stage for his successful career.

## 1987

**Robert (Whit) Winfree**, BSBC 1987, is President of Winfree Contracting, Inc., a commercial contracting firm located in Palm Beach County, Florida. Following in the family building industry tradition dating back to the Civil War Era, Winfree Contracting, Inc. was established in 1996. The company

## James A. Cummings

---



University of Florida alumnus James A. Cummings was inducted into the Nova Southeastern University Wayne Huizenga Graduate School of Business and Entrepreneurship. Along with three other entrepreneurs, he was awarded at the 13<sup>th</sup> Annual celebration for the Entrepreneur Hall of Fame held on April 15 at the Signature Grand in Davie, FL.

In 1967, Mr. Cummings graduated from the University of Florida with a Bachelor of Science in Building Construction. In 1981, he established James A. Cummings, Inc. His company's projects include: Flanagan High School, Florida Atlantic University Physical Science Building, University of Miami Physics Building, Indian River Courthouse, Fort Lauderdale/Hollywood International Airport and Air Traffic Tower.

In addition to outstanding contributions to the industry, James A. Cummings, Inc. has become a valuable resource to the community. The firm has provided free services to help build the Broward Center for the Homeless, the Hollywood Boys and Girls Club and the Tom Oxley Athletic Center.

concentrates on turn-key design-build projects including office buildings, shopping centers, warehouse/distribution centers and medical facilities. He and his wife, Amy, live in Tequesta, FL along with their three Gator sons Derek (11), Dalton (6) and Logan (2)

## 1991

**Doug Taulbee**, BSBC 1991, joined MM Parrish Construction in 2002 as an Estimator assisting

in CM, negotiated, and hard bid jobs. He previously worked for a large local builder. Prior to moving to Gainesville, Doug worked in Orlando for Heavy Highway contractors. In 1997, he moved his family to Gainesville to take part in the start up of a new church. He has been married for 9 years to Diane and has three boys, Logan (7), Trey (5) and Collin (2). They enjoy living in Gainesville and going to Gator athletic events.

**F. John LaCivita**, BCBC 1991, was appointed Vice President of Willis A. Smith Construction, Inc. He joined Willis A. Smith Construction, Inc. as a Project Manager in December 1996. LaCivita has extensive construction experience in Florida and holds a state certified general contractor license. He resides in Sarasota County with his wife and two children. LaCivita joins David E. Sessions, President and Joseph A. Formella, Vice President in management of Willis A. Smith Construction. The firm is celebrating its 30<sup>th</sup> year in business as a local general contractor specializing in the construction of schools, churches, commercial and industrial buildings.

**Joey Mandese**, BSBC 1991, has joined J. Raymond Construction Corp. as Business Development Manager and will head up the Business Development Department in the Longwood, FL office. He was formerly the Director of Pre-construction Services for M.M. Parrish Construction in Gainesville, FL. While in Gainesville, he served as Committee Chairman for the Commercial Builders Council. Prior to his working in pre-construction, Mr. Mandese was a project manager on several types of projects, including industrial, medical office, entertainment, retail and institutional.

### 1995

**Richard K. Shannon**, BSBC 1995, is a Project Manager for Williams Company – Southeast, a general contractor and construction management company in Orlando, FL. Richard has been managing various construction projects throughout the Southeast United States and has been with Williams Company – Southeast for over 7 years. Richard and his wife, Andrea, were married in August 2002

### 1996

**Kyle Irby**, BSBC 1996, was hired in October 2001 as vice-president of SEGARS GROUP, LLC, a company specializing in primarily health care additions and renovations. After graduating with highest honor in May 1996, he worked for Brasfield & Gorrie, LLC in Atlanta as an estimator and project manager for 4 years. Kyle and his wife Michelle (BSBA '97) will celebrate their third anniversary in October 2002. They live in Woodstock, GA.

### 2000

**Ed Huene**, BSBC 2000, is currently an Assistant Superintendent for MM Parish Construction. Ed married Melissa Higgins on June 29, 2002. He recently began his second project for the University of Florida

## CONTACT INFORMATION:

### 1963

Roger Maler  
rogerm@midsouth.rr.com



### Alumni Job Placement

If you are looking for a job or information about our Construction Career Fair or job placement services, please log onto our website at: [www.bcn.ufl.edu](http://www.bcn.ufl.edu) (then click on Job Placement)



Let us Know!!!  
Tell us about any job appointments, announcements, contact information, etc.

E-mail:  
Joyce de Guzman at [deguzman@ufl.edu](mailto:deguzman@ufl.edu)

Or Write:  
101 Fine Arts Building C  
PO Box 115703  
Gainesville, FL 32611

# NEW FACULTY, STAFF AND APPOINTMENTS



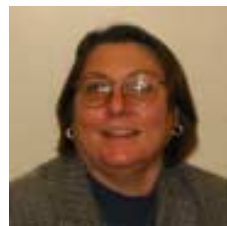
**William O'Brien, Ph.D.** focuses his professional efforts on improving collaboration and coordination among firms in the Architecture, Engineering and Construction (AEC) industry. Dr. O'Brien is an expert on construction supply chain management

and electronic commerce, where he conducts research and consults on both systems design and implementation issues. He is especially interested in the use of the information technologies to support multi-firm coordination, and has worked with several leading firms to implement web-tools in support of supply chain management and related collaborative efforts. Currently, he is Assistant Professor in the M.E. Rinker, Sr. School of Building Construction at the University of Florida where he teaches courses relating to construction information and systems engineering. He is an Affiliate of the University of Florida's Supply Chain and Logistics Engineering Center and actively collaborates with faculty in the departments of Computer Science and Industrial Engineering. He also holds an Adjunct appointment in the Department of Civil & Coastal Engineering. Prior to returning to academia, Dr. O'Brien led product development and planning efforts at Collaborative Structures, a Boston based Internet start-up focused on serving the AEC industry. Dr. O'Brien was the first employee of Collaborative Structures in 1996 and was Vice President for Marketing and Product Development when he left the firm in 1998. Dr. O'Brien holds his doctoral and master's degrees from Stanford University and his bachelor's degree from Columbia University.



**Kevin Grosskopf** graduated from Florida State University with a BSCET in 1992, he graduated from the University of Florida with a MSBC in 1993 and a Ph.D. in 1998. His

specialties include distributed generating power plants, MEP and utility systems; research interests in collective threat assessment, protection and recovery of critical infrastructure and high value domestic targets from chemical, biological, radiological, nuclear, explosive-incendiary (CBRNE) events. Consulting and contracting interests in private construction and development projects, financial feasibility analyses and construction accounting; environmentally sustainable design and construction; energy and water resources. He is a member of Associated General Contractors of America (AGC), Institute of Electronic and Electrical Engineers (IEEE), Society of American Military Engineers (SAME), Florida Municipal Electric Association (FMEA), American Public Power Association (APPA), National Association of Underwater Instructors (NAUI), International Association of Nitrox and Technical Divers (IANTD).



**Anne Lockwood Williamson** is Coordinator of Research Programs at the Shimberg Center for Affordable Housing in the M.E. Rinker, Sr. School of Building Construction. She

holds a masters degree in finance earned at the University of Florida in 1987 and is working on completion of a doctoral degree in public administration at the University of Georgia. Ms. Williamson's major area of focus at Shimberg is creation of an affordable housing supply database ([www.flhousingdata.shimberg.ufl.edu](http://www.flhousingdata.shimberg.ufl.edu)). This database will be easily accessible through the Florida Housing



(continued) Data Clearinghouse to facilitate decision making for state and local government policy makers, consumers, housing advocates and members of the development community. Her research interests include housing policy and fiscal impact analysis.

**Sallie Schattner** has been promoted to Admissions/Registrar Officer for the Rinker School. She assists with all the undergraduate issues and advisement for the BCN and is looking forward to her new challenge. Sallie has been with the Rinker School for eight years and will celebrate her tenth wedding anniversary with her husband, Jerry, in May 2003.



**Patty Barritt** has been promoted to program assistant in the main BCN office. Some of her duties are coordinating job

placement and planning the Career Fair. She looks forward to building a wonderful working relationship with the construction industry through contacts at the Career Fair. Patty has been with BCN for 15 years.

**Joyce de Guzman** is the newest member of the BCN team. She is a program assistant in the main office. Her responsibilities include planning receptions and special events, creating marketing schemes for the school, creating minor fund raising plans, and producing the school newsletter. In 1999, she graduated from the University of Florida with a Bachelor of Science in Public Relations.



## FACULTY AWARDS



Professor Cook has been very active in the area of “Construction Contracts”. He was recently awarded a research grant to study the effects of the “No Damages for Delay” clause. The Building Construction Industry Advisory Council

sponsored this research in coordination with the Rinker School. In addition to providing significant and important results, Professor Cook was charged with developing a Continuing Education Course covering this material. The Department of Business and Professional Regulation recently certified the results of the two years of research. The first course offering is being scheduled through the AGC of Central Florida.

In addition to contracts, Professor Cook completed a study of employers to determine their perspective on the necessary skills, qualities and abilities of those considering a professional career in estimating. Based on the results of the survey estimating is no longer considered estimating. It has taken on the duties and responsibilities associated with providing the client an entire array of “preconstruction services”. This “service” to the client is seen as critical to the employer and the person who can fill this position is considered to have the potential for a very bright future.

# Show your Rinker Pride!

**To PURCHASE:**

Contact Joel F. Kaplan

954-501-3110

Joelfkaplan@aol.com



Provided by the Student Chapter of ABC

Front Left Chest Logo



## BCN Gator T-shirt

Colors Available:

Black

White

Blue



Back of BCN Gator Shirt



Front Left Chest Logo

## Rinker Polo

Colors Available:

Blue

Khaki

White

Charcoal

Hunter Green



Front Left Chest Logo  
**Rinker School  
Logo Shirt**

Hats



Logo



**I- Beam Shirt**  
Our Most Popular  
Available only in White



Front Left Chest Logo

**Price List**

- Polos - \$22
- T-shirts - \$12
- Long Sleeve - \$15
- Hats - \$12

**Sizes Available:**

- S
- M
- L
- XL
- XXL

**Coming Soon:**

- Window Stickers
- Camo- Hat
- Wind Breakers

**\$5 Shipping Charge**

**THE ADVISORY COUNCIL**

The M.E. Rinker, Sr. School of Building Construction is honored to have an active Advisory Council whose members, both individual and corporate, serve as an important source of advice and support for the School. Advisory Council is an opportunity for you and your company to form a strong liaison with the School. In this way, we can be assured that our program is current and meets the ever changing needs of the construction industry. We hope you will consider becoming a member of the Advisory Council for the M.E. Rinker, Sr. School of Building Construction.

**HERE IS MY GIFT FOR THE M.E. RINKER, SR. SCHOOL OF BUILDING CONSTRUCTION**

My gift in the amount of \$ \_\_\_\_\_ is made to the **University of Florida Foundation** for the M.E. Rinker, Sr. School of Building Construction

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_

Please check the appropriate block:

**INDIVIDUAL MEMBERSHIP in the BCN Advisory Council**

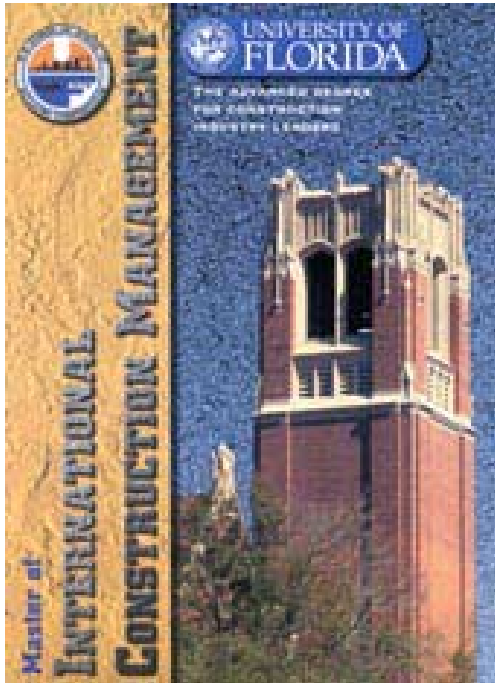
- \$100 Certificate
- \$300 Plaque
- \$500
- \$2000 - includes membership in the University President's Council

**CORPORATE MEMBERSHIP in the BCN Advisory Council**

- \$300 Plaque
- \$500
- \$2000 - includes membership in the University President's Council

Signature \_\_\_\_\_ Date \_\_\_\_\_

## Earn your Masters degree via the Internet!



The **International Construction Management Program (ICM)** continues to draw interest with over 25 students registered for classes. Participating students come from small, regional companies as well as large international companies such as Fluor, Bovis Lend Lease and Bechtel. The US Army as well as the US Air Force is represented with students coming from as far away as Italy. These students are currently earning a Masters degree while taking classes from their home or office. Individuals have the opportunity to enroll as non-degree-seeking students for professional development, earn certificates of competency, or they can enroll for the Masters Degree in International Construction Management (MICM). This advanced degree will prepare its graduates for positions of increased responsibility within their company by providing a set of skills that will make them a more valuable asset to their employer. This program is delivered via the Internet and enables students to “attend” classes anytime, anywhere. For more information, please visit the ICM website at <http://w.bcn.ufl.edu/icm> or contact Dr. Raymond Issa at [raymond-issa@ufl.edu](mailto:raymond-issa@ufl.edu)



M.E. Rinker Sr., School of Building Construction  
101 Fine Arts Building C  
PO Box 115703  
Gainesville, FL 32611-5703

U.S Postage Paid  
Gainesville, FL  
PERMIT NO. 94

## MAILING LABEL