

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

ORANGE & BLUEPRINTS

COLLEGE OF DESIGN, CONSTRUCTION & PLANNING

Spring 2012, Volume 76, Issue 1



Orange & Blueprints

a bi-annual publication

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CORRECTION NOTICE ON FALL 2011 Edition - On page 14, the representatives from Current Builders were Mike Taylor and Jen Taylor. We apologize for the error.

Rebranding BCN

The Department of Building Construction, the School of Building Construction, the M.E. Rinker Sr. School of Building Construction....Over the years, the name has changed to reflect the growth and prominence of the school. In light of our current marketing efforts to attract new students and to recognize the modernization of the curriculum we are taking a look at how we describe ourselves. The students have expressed their desire to our Executive Committee and others to include 'Management' in the name of the school.

We would like to know your opinion on the matter so we have set up a survey that asks among other things, how you feel about the current name, and if given the opportunity, what changes you would make. The survey is non-scientific and non-binding, we are simply trying to give a voice to our supporters and see if we can build a consensus. It will take less than 5 minutes to complete.

You can access the survey at (type in exactly as seen):

<http://www.zoomerang.com/Survey/WEB22E8KF67C7U>

A Message From ...

Dr. Christopher Silver, Dean



As I prepare this message, we are in the throes of wrapping up the Fall 2011 semester, finishing the grading and project reviews, and negotiating the endless stream of holiday lunches and dinners while attempting to keep the weight in check.

It is also one of three times each year that we send a new crop of BCN graduates out into practice to carry on the tradition of excellence in the field of construction. Given the lingering uncertainties out there in the world of prac-

tice, I don't know exactly how this group will fare. However, from the insider's vantage point, I can say with confidence that we're going the extra mile to prepare our graduates to be highly competitive for open positions. It is no small measure of this preparedness that a Rinker School student team, under the leadership of Professor Doug Lucas, finished first in a national design-build competition.

We are advantaged by the support for this work by all of the programs within the College. Our course offerings in integrated project delivery have grown, and collaboration between the Rinker School and the School of Architecture has strengthened considerably. The BIM Lab established by Dr. Raymond Issa has furthered the interactions between construction and design disciplines.

And with regard to supporting collaborative experiences for all students in DCP, this fall, we opened a space known as co-Lab. Equipped with state-of-the-art work spaces, it offers faculty and students an environment within which collaborative learning and problem-solving can take place and teamwork is supported and nurtured.

Finally, we are wrapping up the first year of an innovative curricular offering, the Master's of Sustainable Design. Starting last January with a cohort of 14 students from China, the United States and Singapore, we delivered an innovative, interdisciplinary master's level program in sustainability through a combination of weekly seminars through videoconferencing, intensive live sessions in Singapore, and then a final wrap session here on campus that is under way right now. The next cohort is lined up to begin in January 2012, and with growing interest from other parts of the globe to participate. In addition, several BCN students will be heading to Singapore in 2012 to participate in an exchange with the National University of Singapore.

Our role is to prepare students to meet the challenges outside academia both with the proper skills and with enthusiasm. We have continued to perform that role effectively and with a great deal of pride. And, of course, your pride and enthusiasm for all the Rinker School represents is critical to the mission. We thank you and wish you great success in 2012!

Dr. Robert Ries, Interim Director



This past fall, the Rinker School graduating class included 33 undergraduate and 11 graduate students. Although they entered a tough job market, there were students that had multiple offers after the BCN Career Fair, which is an encouraging sign that our industry and the economy may be turning around.

Fall 2011 was a very successful semester for the Rinker School's competition teams competing in the southeast region (Region II) in Hoover, AL

last October. The Design-Build team placed first and won the Best Presentation award. The Construction Management team tied for second, the LEED team placed second, and the Heavy/Highway team's bid was closest to the actual bid for the project. Thank you to all the team sponsors who facilitated the participation of the competition teams.

Recruiting has been and will continue to be a focus for the School. Several new initiatives have begun, geared towards introducing high school and other state college students and parents to construction education at the Rinker School. The School's faculty, staff, and alumni have partnered to reach out to state colleges and have visited colleges across the state establishing relationships with advisors and administrators. High school students have been engaged at career fairs and through the ACE (Architecture, Construction, Engineering) mentor program. ACE is a national program (<http://www.acementor.org>) that seeks to engage and mentor high school students that will result in students seeking careers in our industry. If you would like to help us recruit, please contact Sallie Schattner at sallieas@ufl.edu so that she can provide you with materials.

Lastly, the School is thinking about changing its name. Needless to say, this is not something that we take lightly. The impetus for looking at a name change came from a student's experience while interning at a company. The story goes like this. Two student interns (one from the Rinker School of Building Construction and one from a Construction Management program) were meeting with the company representative to discuss their assignments. The Rinker School student was assigned less management-related duties compared to the other student. When the Rinker student asked why the assignments were not equivalent, the reply was that the assignments fit the type of educational program that the students came from. In other words, building construction is different than construction management. The faculty, staff, and the Advisory Council Executive Committee all concur that given the changes in the industry and changes in the School's curriculum over time, a name that would better represent our School and our graduates in the marketplace is beneficial. We hope that you agree.

We look forward to the coming year and wish you all a prosperous year.

Opportunities to Attend the Rinker School

by Dr. Richard Smailes (BCN BSBC 1976, MBC 1977, Ph.D. 2000)
Rinker Senior Lecturer and Undergraduate Coordinator



Most of us alumni remember the feeling of relief when we finally got accepted into the Rinker School. There was competition for a limited number of spots. Some got in the first time while others had to wait for another semester to be accepted. For most of its existence, the Rinker School was fortunate to be in the position to accept the best students possible from an oversized pool of qualified applicants.

For a variety of reasons including the economy, a lack of marketing and awareness of the Rinker School, and a perception that UF and the School are difficult to get into has contributed to a decline in enrollment. The fact is that seats are going empty due to a lack of qualified applicants. This is truly unfortunate because strategically, the School has never been in a better position. We have a large, diverse, and talented faculty at all levels and we are leading the way in education related to Building Information Modeling, Sustainable construction, and Net Zero energy solutions. Our labs and facilities are the best in the country. And lest we forget, we would not be the leader in construction education without the active support of our alumni. Thank you.

As far as the economy is concerned, everything we hear is pointing up, especially when you take into account the two or four-year time horizon of a new student. On the marketing front we are reaching out in a multitude of ways to spread the word about the Rinker school to high schools, state colleges, and within UF itself. And finally, with respect to admittance, we have not and will not lower our standards in order to attract more students. That is non-negotiable. However, the perception that you have to be the Valedictorian of your class to get into UF and/or Building Construction simply isn't true.

For example, students admitted for this Fall 2011 semester into the BCN program had an average GPA of 3.11 and an average SAT score of 1185 (26 ACT). Students may increase their chances of admittance to UF by indicating Building Construction (BCN) as their major, as well as listing their participation in student clubs, mentoring programs such as ACE, actual construction experience, and service work.

For students who do not get into UF through the front door, there is always the option to transfer into the Rinker School from state or community colleges by obtaining an AA degree along with the prerequisite courses. This option is available at numerous colleges around the state as well as Santa Fe College here in Gainesville. In this scenario the Rinker School is able to make the admissions decision directly.

So we are asking you, our alumni and supporters, to pass the word to friends, family, and co-workers that a degree from the Rinker School is an honorable and attainable goal. We are positioned for the future and ready to prepare the next generation of construction managers.

Students interested in BCN, either as incoming freshmen or as a transfer student, should contact Sallie Schattner for information regarding application materials, transferable courses, and transcript evaluations. Sallie Schattner at 352-273-1180 sallieas@ufl.edu

Recruiting Efforts



The Rinker School has increased efforts to recruit potential students. One way is that BCN holds monthly Rinker Hall tours during the fall and spring terms. If you are interested in attending these tours, please visit <http://www.admissions.ufl.edu/visit.html>

Rinker staff attend all UF Preview Sessions for incoming freshman. Rinker staff, faculty and/or alumni participate in community college fairs to recruit potential transfer students.

BCN hosted an Open House for the UF Family Weekend and visited with BCN alumni and their families. In addition, we welcome

other schools and clubs by providing tours and lunch at Rinker Hall in an effort to increase awareness of the program and recruit potential students.

The photos above are from the Weeks of Welcome (WOW) tour in coordination with the BCN 1001 - Introduction to Building Construction course. Current students participated in this event where HVAC labs were presented, BIM presentations were given, and a fly-by presentation was given in the computer lab.

BCN Advisory Council Executive Committee

The BCN Advisory Council Executive Committee held its bi-annual meeting on November 4, 2011, at the Hilton University of Florida Conference Center. Present for the meeting were Bob Angle, Christine Beaudoin, John Bennett, Earle Cooper, Rick Derrer, John Gooding, Paul Hardaker, Sid Jordan, Jeff Nelson, Pete Pace, Steve Palmer, Chip Reid, Robert Ries, Dave Schmit, Domenic Scorpio, Erik Sharpe, Rick Smailes, Ray Southern, Rob Springer, Edward Minchin and Wayne Wadsworth.



EXCOM members (front l-r) Harley Miller, John Bennett, Rick Derrer, Ray Southern, Christine Beaudoin, Edward Minchin, Pete Pace, Domenic Scorpio, Rob Springer, Rick Smailes, John Gooding, Tim Good, Dave Schmit, Paul Hardaker, Earle Cooper, Jeff Nelson, Bob Angle, Chris Silver.

-Dean Chris Silver informed the committee how the budget cuts have impacted the university, the college and the school.

-Chip Reid, Dr. Robert Ries and Dr. Rick Smailes gave the committee an update on the efforts that are being undertaken by the Rinker School to recruit more students due to decreased enrollment.

-Dr. Rick Smailes explained to the committee the importance of BCN students taking the American Institute of Construction (AIC) exam and explained how the results of this exam can assist employers.

-Dr. Edward Minchin gave an update on the graduate curriculum and new policies that are being instituted and discussion on a possible graduate program accreditation took place.

-Dr. Robert Ries gave a financial update of the school to include operating funds, sponsorship opportunities, and endowment fundraising.

-Each regional alumni club update was provided by one of the EXCOM members.

The Rinker School would like to express our deepest appreciation to Chip Reid who has served as the EXCOM Chair for the past two years. Chip has dedicated countless hours to the leadership of this committee. (l-r) Wayne Wadsworth, Chip Reid, Dr. Robert Ries.

The committee has selected John Sofarelli, President of J. Raymond Construction Group in Orlando to be the next Chair of the EXCOM committee. Wayne Wadsworth, Sr. Vice President of Holder Construction in Atlanta will become the Vice-Chair of the EXCOM. These new positions will be effective January 1, 2012.



Meet Domenic Scorpio, BCN Advisory Council EXCOM Member



Domenic Scorpio is President and a Principal of Charles Perry Partners, Inc. (CPPI) located in Gainesville, Florida with offices in Orlando, Jacksonville, Vero Beach and Tampa; and an office in Athens, Georgia. The company provides construction management, design-build, and general contracting services for the construction of education, healthcare, senior living, municipal, and private sector clients, and employs over 150 Managers, Superintendents, and support staff.

Domenic graduated from UF's College of Architecture in 1994, and received a Master of Building Construction degree in 1998. He is a Certified General Contractor in Florida and Georgia and is a LEED Accredited Professional BD+C as designated by the U.S. Green Building Council.

While attending graduate school, Domenic interned with Charles Perry Construction, Inc. (CPC) and was offered a full time project manager position in 1996 to grow what is now the company's Diversified Projects Division. In 2000, he was given the opportunity to become a partner with PPI Construction Management, Inc. (PPI), a sister company of Charles Perry Construction, where Domenic became the company's Vice President and Chief Operating Officer. While serving in this capacity, Domenic was instrumental in growing PPI's presence and opening offices in Orlando and Jacksonville. In early 2011, the sister companies of CPC and PPI merged to become Charles Perry Partners Inc. In Domenic's current role as President of CPPI, he is responsible for overseeing corporate operations, which includes the accounting, administrative, estimating, human resources, and operations support functions of the company.

In addition to the BCN Advisory Council Executive Committee, Domenic serves as a director on several boards in his community, including the Builders Association of North Central Florida, Gateway Bank, and the Boys and Girls Club of Alachua County. In 2001, Domenic was inducted into Sigma Lambda Chi International Honor Society for Construction as an Honorary Member. He was a founding member of the North Central Florida BCN Alumni Club in 2005 and served as its first President. In 2006, he was recognized by the University of Florida Alumni Association as an "Outstanding Young Alumnus", a distinction recommended by the faculty of the Rinker School.

Domenic is married and has 3 children. They stay active by fishing, scalloping, snow skiing, and attending Gator athletic events.

Message to alumni....

The Rinker School is planning to distribute the newsletter in electronic format only. Please be sure that we have your updated email address. If you prefer to receive a hard copy, please email Kim Stanley at kimms@ufl.edu.

Alumni in Higher Education

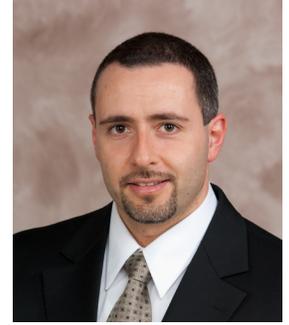
Dr. Abi Shdid received his Ph.D. from the Rinker School of Building Construction with a minor in Civil Engineering in 2005. Dr. Abi Shdid also earned a M.S. in Building Construction and a M.E. in Civil Engineering from the University of Florida, and a B.E. in Civil Engineering from the Lebanese American University.

After graduating from the University of Florida, he joined the faculty of Georgia Southern University as an Assistant Professor of Construction Management. In January 2006, he joined the faculty of Florida International University as an Instructor of Civil and Environmental Engineering. Dr. Abi Shdid was then promoted to Senior Instructor, and in July 2009, he was promoted to Director of External Programs for the College of Engineering and Computing, where he manages all professional, online, overseas, executive and continuing education programs for the College.

Dr. Abi Shdid's teaching at FIU reflects his multiple areas of expertise. He has taught graduate and undergraduate courses on heavy construction, construction project management, project planning, structural design, structural analysis, structural mechanics, and computer applications for engineers and managers.

Dr. Abi Shdid is a licensed civil and structural engineer in Florida, and a licensed structural and construction engineer in Lebanon. He is

also a member of the American Society of Civil Engineers (ASCE); a faculty member of American Institute of Steel Construction (AISC); a member of the American Concrete Institute (ACI); and a life member of the Precast/Pre-stressed Concrete Institute (PCI). Dr. Abi Shdid is the owner and president of Phoenicia Engineering and Consulting P.L.L.C., a registered company in Florida and a licensed engineering and consulting firm by the Florida Board of Professional Engineers.



His research centers on the use of sensing technologies in construction and infrastructure assessment, and the applications of artificial intelligence algorithms to predicting thermal lifecycle costs of buildings. He has worked on several funded infrastructure research projects for the Florida Department of Transportation (FDOT), Florida Power and Light (FPL), the U.S. Department of Energy (DoE), and the International Hurricane Center. In addition to several journal and conference papers, Dr. Abi Shdid has authored three course-specific textbooks that were published by Pearson Publishing Inc.

Previously featured alumni in higher education include:

Bilge Gokhan Celik, BCN 2006
Zeljko "Z" Torbica, BCN 1997
James F. Goddard, BCN 1972
Huanqing (Happy) Lu, BCN 2002
Theo Haupt, BCN 2001
Steven Van Dessel, BCN 2000

Fall 2011
Spring 2011
Fall 2010
Spring 2010
Fall 2009
Spring 2009

Yimin Zhu, BCN 1999
Richard Smailes, BCN 1976, 1977 & 2000
John C. Mouton, BCN 1978
Harold (Hal) Johnston, BCN 1983
Bradford L. Sims, BCN 1996

Fall 2008
Spring 2008
Fall 2007
Spring 2007
Fall 2006

Alumni in the news

Michelle Forte Young, BCN 1997 was recently featured in ENR Southeast's Top 20 Under 40 magazine. Nominees were not only required to be under 40, they also had to be located in the four states the publication covers—Florida, Georgia and the Carolinas. Nominees had to excel in three areas: industry involvement, community service and contributions to landmark or sustainable projects in the region.



In 2007, Michelle Forte Young used her personal savings to found full-service construction company Forte Young Inc., Orlando. A women-owned business enterprise, FYI is currently working with contractor Brasfield & Gorrie on the Veterans Administration Medical Center project in Orlando. Forte Young says her company is already committed to philanthropy, and it has provided assistance to several nonprofits, including the Coalition for the Homeless, the Orlando Union Rescue Mission and Edgewood Children's Ranch.

ABC named **Curtis Culver** (BCN 1959), who is retired from Pro-Crete Systems, Pinellas Park, FL., a Life Member of ABC.

To be named a Life Member, an individual must have contributed outstanding service to ABC and be retired from an active role in the industry.



Jack Olmstead (l-r) presents Curtis Culver with plaque for Life Member of ABC.

In addition to being one of the founders of the Florida Gulf Coast Chapter, Culver was integral in the formation of the Central Florida Chapter and ABC of Florida. "Curtis' commitment to ABC goes much deeper than regular attendance at meetings and events," said Jack Olmstead, past chairman of the Florida Gulf Coast Chapter and president of Tri-City Electrical Contractors, Tampa, FL, in nominating Culver. "In fact, he has been the mentor, the inspiration and the encourager of many young men and women who have become successful in our chapter and in the construction industry." An active participant in the chapter and in the construction industry for 42 years, Culver also was named Florida Gulf Coast Chapter Member of Year two times and was awarded the chapter's first Lifetime Achievement Award.

Alumni working together

LEGOLAND Florida is the newest addition to the LEGOLAND brand and is the largest LEGOLAND Park in the world. The project has construction limits of 44 acres within the overall site of 150 acres on the former grounds of the Cypress Gardens Adventure Park in Winter Haven, Florida. The scope included major upgrades to existing infrastructure and utilities as well as the renovation and re-theming of more than 20 existing structures, and the construction of more than 30 new rides, attractions, and support facilities that make up LEGOLAND Florida. The park is very similar to those currently in operation in Windsor, England; Deutschland, Germany; Billund, Denmark; Carlsbad, California and a sister park that is currently being constructed in Malaysia. The park that is geared for children ages 2-12, is divided into 10 zones based on LEGO branding, which include the various rides, shows, restaurants, shops, and attractions.



(l-r) Jesse Meyer (BCN 2009), Billy Matthesen (BCN 2003), Bruce Scamehorn (BCN 1970), Gannon Olmert (BCN 2003), Jared Contat (BCN 2009), Robert Springer (1984)

The project broke ground in October 2010, at the same time Merlin Entertainments publicly announced the park's grand opening date of October 2011. With the Substantial Completion slated for September 2011, this project faced an extremely compressed schedule that would require a special commitment from all of the contractors involved. PCL Construction Services based in Orlando, FL was awarded the Design/Build contract for the project and provided General Contracting services for disciplines such as concrete foundations and woodwork. PCL selected Morris Architects to act as the Design Partner on this project and also utilized several subcontractors that are local to Polk County, including Springer-Peterson Roofing, Tucker Paving, Frenchy's Stucco, Jimmy Blackwell Framing, and Rick Wilson Painting. The commitment and dedication made by these local contractors was critical to the success of this demanding project.

The University of Florida alumni involved in constructing Legoland were Scott Kimpel (Business 2007) (PCL), Billy Matthesen (PCL), Jeremy Voss (BCN 2003) (PCL), Taylor Bodine (Ag & Life Science 1998) (PCL), Jesse Meyer (BCN 2009) (PCL), Bruce Scamehorn (BCN 1970) (Tucker Construction), Gannon Olmert (BCN 2003) (Tucker Construction), Erich Fehmerling (Liberal Arts & Sciences 1995) (Lake Glass & Mirror), Robert Springer (BCN 1984) (Springer-Peterson Roofing) and Jared Contat (BCN 2009) (Springer-Peterson Roofing).



(l-r) Traci Wilson (BCN 2009) and Peter Ramstead (BCN 1994)

Traci Wilson (BCN 2009) and Peter Ramstead (BCN 1994) work together as Estimator and Estimator Manager at Turner Construction in Dallas, TX. Traci reports that even in the heart of Longhorn and Aggie Country, she and Peter are proud to wear their orange and blue!!



(l-r) Sean Compton (BCN 2011) and Earle Cooper (BCN 1977)

Hawkins Construction of Tarpon Springs completed a new two-story CVS pharmacy with a brick facade and pedestrian plaza at Southwest 13th Street and 16th Avenue in Gainesville, FL. It opened a year after demolition began on the previous buildings on that corner. The driveway to the strip mall to the east was closed and a shared driveway opened along 16th Avenue.

Unlike the typical CVS design, the new store includes second-floor office space and a brick facade, similar to the store that Hawkins completed last year at 1515 NW 13th St. This CVS has a lot of window space, a landscaped pedestrian plaza with a shade structure and benches, wrought-iron fencing and brick retaining walls to meet city design standards for that area. Earle Cooper (BCN 1977) is the President of Hawkins and Sean Compton (BCN 2011) was the intern for this project.

DPR Construction is nearing completion on the new 740,000sf Palomar Medical Center West (PMCW) hospital project in Escondido, CA. Brian Balducci (BCN 1978), Senior Project Manager, and Luke Stocking (BCN 2008), Project Engineer, have been actively involved with the construction of the project since 2008. Situated on 40 acres, the PMCW project is designed to accommodate 360 private, single-patient rooms, 12 Operating Rooms, 6 interventional radiology suites, and a 50 room Emergency and Trauma Center. Deemed "The Hospital of the Future", this project incorporates sustainable design principles as well as a genuine commitment to Lean Construction practices.



(l-r) Brian Balducci (BCN 1978) and Luke Stocking (BCN 2008)

The new \$966M regional hospital is an 11 story facility, consisting of 8 stories of inpatient units stacked over a predominantly mechanical floor at the 3rd level. Levels 1 and 2 include a Diagnostic and Treatment west wing and a predominantly public east wing. A partially exposed substructure / basement will house general services such as materials and supplies management, loading dock, environmental services, facilities & engineering, and a laboratory. A helistop will be located at the roof of the higher nursing tower along with a penthouse level community center.

Special features have been provided to enhance a healing environment, including a signature 1.5-acre green roof planted with drought resistant and native plants, gardens and fully planted fresh air balconies and terraces. Access to natural light is achieved throughout the structure via skylights and courtyards.

The facility is on schedule for a summer 2012 opening for patients.

2011 Construction Hall of Fame Induction

The M.E. Rinker, Sr. School of Building Construction established the Construction Hall of Fame Award in 1980 to recognize the accomplishments of those distinguished leaders who have made a difference in our industry, the community and the University of Florida throughout their careers in construction. The inductees' names will be displayed on the "Hall of Fame Wall" of the School. We are honored to announce that Sidney J. Jordan has been selected to be inducted into the Rinker School's Construction Hall of Fame for 2011.



Dr. Robert Ries (l-r) presents Sid Jordan with the plaque for the Construction Hall of Fame.

As Division President/CEO, Sid oversees project acquisition, operations and administration in the Southeastern, Southwestern, Midwestern, and Northern United States. Projects under his supervision range in size from \$15 million to \$850 million. Sid oversees project operations and administration and promotes effective project management by maximizing available resources and stressing the importance of

open communication with the owner and design members of the construction team. He is also an integral part of Clark's business development efforts nationally.

Sid has overseen more than \$2.9 billion worth of projects for the U.S. Military, including Design/Build Barracks at Ft. Benning, Ft. Jackson, Ft. Bliss, Ft. Stewart among others. Presently overseeing two hospitals valued at \$1.6 billion in San Antonio and New Orleans as well as the Music City Center in Nashville for \$420 million.

Sid has over 30 years of construction experience, and holds a Bachelor of Science degree in building construction (BBC 1981) from the University of Florida, where he is now a member of the Executive Advisory Board. He is a certified general contractor in South Carolina, Mississippi, Georgia, Tennessee, North Carolina, and Florida.

Building Relationships at BCN

The featured article of this Orange & Blueprint newsletter edition is on BCN graduates who have gotten married. If you married another BCN alum and would like to be in the next edition of the newsletter, please email Kim Stanley at kimms@ufl.edu.

Caesar was born and raised in Byblos, Lebanon where he earned a Bachelor degree in Civil Engineering. In 1998, Caesar applied to several universities in the United States where he planned to pursue his graduate studies. Caesar was accepted into University of Miami, University of Florida, University of Oklahoma, and Massachusetts Institute of Technology. Caesar was convinced by Dr. Raymond Issa—brother of his then-advisor, Dr. C. Issa—to join the Rinker School of Building Construction at UF; not knowing that there he is destined to meet the love of his life and future wife, Alyce.

Caesar joined the MS program at BCN in Spring 2000 and graduated in Fall 2001. In Spring 2002, Caesar joined the Ph.D. program at BCN and was appointed by the School to teach BCN 2405C, otherwise known by students as "Statics". That same semester, in walks a student to "Statics" by the name of Alyce Hanna who was "a Lebanese American", whispered another BCN graduate student to Caesar. Alyce was a shy student, kept a low profile in class, and never showed up to Caesar's office hours. Alyce points out to being intimidated by then "TA Instructor Abi". There was no attraction between the two; that's for sure.

Alyce Hanna was born and raised in Boca Raton, FL to Lebanese American parents. In Fall 2001, and after being accepted into multiple universities, Alyce joined the University of Florida. With her father a general contractor, Alyce grew up with a passion for construction and decided to major in Building Construction at the Rinker School.

In Fall 2003, and during the homecoming week, Caesar used to routinely visit the structures lab on the first floor of the new Rinker building where he was supervising students building the BCN float. There, Alyce was working on the float, and by the time the 2003 Homecoming 1st place winning BCN float was done, Caesar and Alyce were falling in love with each other.



Alyce started working as a Project Engineer for the Weitz Company in West Palm Beach in Spring 2005. Caesar graduated from BCN in Spring of 2005 and went to work as a faculty at Georgia Southern University's Department of Construction Management in Statesboro, Georgia. Alyce and Caesar maintained a long-distance relationship until Caesar received a job offer from Florida International University's Department of Civil Engineering in Miami, FL. Caesar moved to Miami on December 12, 2005 with an engagement ring in his pocket, and proposed to Alyce on December 24. Alyce and Caesar got married in Lebanon on June 30, 2007.

Alyce and Caesar now reside in Miami. Alyce is now an Assistant Project Manager with the Weitz Company, and Caesar is the Director of External Programs at the College of Engineering and Computing at FIU. In 2011, and with the support of Alyce, Caesar started his own company—Phoenicia Engineering and Consulting PLLC. Among the many services that the company provides are: structural design, structural analysis and consulting, program management, construction engineering consulting, and construction inspections. In January 2011, Alyce and Caesar had their first baby gator girl Noor, and yes, her first Halloween custom was a Florida Gator Cheer Leader uniform.

Alyce and Caesar have now been married for almost 5 years and still look back at their days in BCN with the fondest of memories, and wonder at how improbable the chances of their meeting were. Caesar always wonders how if he had even joined the Civil Engineering program at UF, he would have never met Alyce; while Alyce reminds him of the 'C' grade he gave her in "Statics", and Alyce's Mom regularly gives him hard time for making her daughter "cry every night studying for Statics".

UF BCN Athletes

This featured article is on BCN students who were UF athletes while in school. If you were a BCN student and UF athlete and would like to share your story, please contact Kim Stanley at kimms@ufl.edu. Please find below the next of this series on our alumni.

“From Gator Swimmer to Gator Builder” by Jamie Reid Abernathy, BCN 2008



Growing up in a small town outside of Seattle, WA where I was a national and international level competitive swimmer training two times a day, six days a week - I missed the typical teenage rite of passage - a summer job. With the many hours of training and travel required to maintain swimming at that level, it was a challenge to find a company willing to hire someone for a 3-hour mid-day shift. Fortunately, my swim

coach owned a small home remodeling business. With our similar time constraints he hired me for some summer work. After one summer, I was hooked on the residential construction industry. During my senior year of high school I was approached and offered scholarships by several colleges that would allow me to continue my swimming career and get a college degree. The decision was a tough one; stay on the West coast, close to home or travel 3000 miles across country where I would not have the comforts and surrounding of my family, friends and small town. The opportunity to swim at a school that is consistently ranked in the top three nationally, and had trained numerous Olympians was too great an opportunity to pass up. A week after high school graduation I packed my bags and headed to the University of Florida in Gainesville to join my new teammates.

Knowing I liked building things, I was not quite sure what that entailed when I arrived at UF. Everyone I talked to said, “Oh it doesn’t matter what you major in, and no one ever uses their degrees.” So I started on the geology trek. I didn’t know much about geology

except that growing up Mt. Rainer was in my back yard and we would occasionally experience some earthquakes. After about two years of classes I began to think if I needed a background in Geology maybe construction was not for me. I talked with my advisor and he suggested that I take a look at the Rinker School of Building Construction. He had some previous students that had gone through the program and really enjoyed it. Two years later, a 6-month study abroad at the Hong Kong Polytechnic University and many job site visits later, I graduated with a degree that I actually use every day. Not only did I attend a school where I was a part of a nationally ranked athletic program, but I also graduated from a school with a nationally ranked construction management program. It truly was the best of both worlds and a once in a lifetime experience.

After graduation, in December of 2008, I accepted a position with a Tallahassee firm, Allstate Construction, Inc. My first assignment, as a project engineer, was part of the construction management team remodeling a \$32 million middle school for Lake County Schools. An advantage working for a smaller company I believe is it easier to get a taste of all the aspects of construction. I have been able to test the waters of pre-construction, field supervisor, project management and accounting. Being onsite every day, being able to walk the projects and have a 3-D view of the documents makes learning much easier. After completing the middle school project along with my team of fellow BCN grads, we are building more schools throughout the state. We are currently building a 10-classroom addition for Lake County Schools and doing an extensive remodel on a Hillsborough County Schools project.

Jamie has recently taken an Assistant Project Manager position with Aagaard-Juergensen, LLC in Orlando.



Jamie is pictured on the left at a dual meet held at the O’Connell Center Pool against Penn State.

Lessons Learned

Give me an Aspirin – Change Work is a Headache: a primer on the difficulties a contractor faces when dealing with change work

Written by...

David Salazar is a Partner with the law firm of Cole, Scott & Kissane, P.A. Mr. Salazar received his B.S. degree from the University of Florida in 2002 and his J.D. from Stetson University in 2005. Mr. Salazar focuses the majority of his practice on construction law, representing owners, design professionals, general contractors, construction managers, subcontractors, sub-subcontractors, and materialmen in virtually all phases of litigation and alternative dispute resolution.

Phil Pierson, BCN 1986, is an In-House Consultant with the law firm of Cole, Scott & Kissane, P.A. Mr. Pierson is a State Certified General Contractor and Certified Roofing Contractor.

A. The Traditional Setting

1. The Relationship - In this setting, there is no contract between the general contractor and architect but rather only contracts between the owner/general contractor and owner/architect. This creates a triangular relationship that often leads to tension. This is because the construction process seldom unfolds as anticipated. Things change – especially in construction – and this is the subject of our article.
2. The Standard Contract - The American Institute of Architects (“AIA”), among many other things, sells construction contract forms which all the various trades utilize. Because of their popularity, we use AIA forms as our examples in this article.
3. The Work Begins - With a complete design, and with bidding finalized, contractors are chosen and the work begins. Thereafter, the need for numerous changes almost certainly arises. Why? The reasons are endless. Examples include design conflict, change of owner preference, out of sequence construction, and problematic physical condition(s). After generating questions to the designers, the various trades then submit proposed changes to the construction administrator.
4. Change Work - Change work is typically done by way of a written modification to the contract; most often as a change order. The AIA’s general conditions define “Modifications” as (1) a written amendment to the contract signed by both parties, (2) a change order, (3) a construction change directive or (4) a written order for a minor change in the work issued by the Architect. Per the AIA, a change order shall be based upon agreement between the developer, contractor, and architect. The AIA requires the architect to prepare the change order and the developer to sign it, indicating an agreement as to (1) change in the work, (2) the amount of the adjustment, if any, in the contract sum and (3) the extent of the adjustment, if any, in the contract time. An unsigned change order may mean the general contractor does not get paid.
5. Schedule - Perhaps most important to any developer is the project’s schedule and change in the work tends to affect that schedule. This is why construction contracts typically provide for liquidated damages, which are damages to which parties contractually stipulate as a reasonable estimation of actual damages to be recovered by one party if the other party breaches.

B. The Conundrum in Contracting

1. Changes Tend to Disagree with the Schedule - Given the importance of the schedule and the potential for damages, should a contractor stop the work to get the change order signed? In other words, does the contractor proceed with the work, or should it wait for the signed change order?
2. Risk Management - While there are no simple answers to these questions, there are protections the contractor can put in place to better manage this dilemma, which include:
 - i. Minimizing disputed change work based upon ambiguities, errors, omissions, or discrepancies in the bid documents. These disputes often arise because of design conflict, as in a mechanical plan conflicting with a structural plan because, say, a drainage pipe cannot run through a structural beam. Owners often take the position that contractors should properly study the design during the bid phase and therefore refuse to pay for change work and attendant project delays based upon a design conflict. Modification to the contract documents during the bid phase can serve to eliminate, if not minimize, these design conflicts.
 - ii. Address this dilemma at a pre-construction conference and build protections into the contract. Meeting minutes should be kept and signed by all the parties present to confirm accuracy.

iii. Prepare detailed change order proposals to reduce the time associated with questions from the construction administrator regarding the change order. Price and schedule analyses should be enclosed in the proposed change orders.

iv. Document the file. While the contractor may be confident, even certain, that the change order will be signed, it can never be too sure. When in doubt, document the file. When not in doubt, document the file.

So the contractor has sent its letter memorializing why the change order is necessary and detailing its efforts to get it signed without delaying the work. But what should be done in the meantime? If the contractor proceeds, it may not get paid for that work. If it doesn’t proceed, it may be in breach of its contract and face a lawsuit for construction delays. The practical approach is to (1) submit the detailed proposed change order, (2) enclose within the submission the documents showing the changes (e.g., the architect’s revisions), and (3) and specify that the project will be delayed, through no fault of the contractor, until the change order is signed.

v. Beware of field orders. The architect issues these orders to clarify specifications, deal with technical execution problems, or resolve site access difficulties. The architect has the authority to order minor changes in the work not involving adjustment in the contract sum or extension of the contract time and not inconsistent with the parties’ intent. Such changes shall be done in writing and shall bind the owner and contractor. If the field order increases costs or time, it should lead to a change order.

vi. If there is disagreement or delay on the change order, demand a construction change directive (“CCD”). The AIA defines a CCD as a written order prepared by the Architect and signed by the developer and architect, directing a change in the work prior to agreement on adjustment, if any, on the contract sum or contract time or both. CCDs are used in the absence of a total agreement on a change order. The architect resolves disagreements about CCDs, per the AIA. The AIA, in fact, provides that, pending final determination of the CCD’s cost, the contractor may request payment for CCD work, subject to the architect’s interim determination. Because the AIA requires the architect to prepare the CCD, a contractor may attempt to modify that language to state that the contractor shall prepare the CCD.

vii. Agree to a third-party decision-maker, other than the architect, to make onsite determinations. Dispute over change order work typically arises because the owner and/or architect believe (1) the proposed change work was part of the contractors’ initial scope, (2) the cost of the proposed change is unreasonable, (3) the additional time necessary to complete the change work is unreasonable, or (4) a change is deemed minor and the contractor disagrees. Someone, other than the architect, may arguably be more objective with respect to these disputes.

viii. Require that someone with authority to sign off on change orders remain at the site.

ix. Utilize two-part change orders to separate the portion of the estimate about which the parties disagree and the portion about which the parties agree.

x. Enter into a guaranteed maximum price (with open books) contract and share in the savings so as to incentivize everyone to finish the project expeditiously.

xi. Consult a construction lawyer. The manner in which a contractor may protect itself will vary with virtually every project. A qualified construction lawyer should be able to assist with a thoughtful and deliberate approach to a contract that preliminarily addresses most of the contractor’s change work concerns.

C. Conclusion

Although problematic, there are measures that can be put in place, preferably early in the process, that can make the change work process more manageable. That said, construction contracts will always be a minefield ripe for conflict. So, document your file and try to avoid performing work on an unsigned change order.



David Salazar



Phil Pierson

If you would like to submit an article for the “Lessons Learned” section of the newsletter, please contact Kim Stanley at kimms@ufl.edu.

Alumni Updates

Kyle Waites, BCN 1962 – In 1998, Kyle retired from The Haskell Company of Jacksonville. He moved to LaGrange, GA on West Point Lake with the idea of slowing down and fishing. To keep busy a few days a week he started working with a property appraiser and now has his own firm A.I.M Appraising LLC (Appraising, Inspections, and Management) What was to be a couple days a week job turned out quickly to be a full time second career. For the last twelve years there has not been a dry spell without a backlog of projects.

Donald Crew, BCN 1963 - In September, Don was featured in the Alligator newspaper for attending his 500th Gator Football Game.

Scott Monroe, BCN 1975 – Scott was recently hired as Head of Operations for Foresight Construction Group and is working on the UF Minor Minor Projects. Scott is the outgoing President and Co-Founder of the USGBC Heart of Florida Chapter.

David Pararo, BCN, 1982 - David recently joined Porter Steel, Inc. as Vice President. Porter Steel is a structural steel fabricator in the Atlanta, GA area. David lives in Lilburn, GA with his wife of 28 years, Sharon. They have a 21 year old son and 19 year old daughter who are both in college.

Chip Bachara, BCN 1982 – Chip was recently named 2012 “Construction Lawyer of the Year” for Jacksonville by Best Lawyers, the oldest and most respected peer-review publication in the legal profession. Earlier this year, Chip was appointed by Gov. Rick Scott to the Fourth Circuit Judicial Nominating Commission. Chip, president of Bachara Construction Law Group, is a licensed General Contractor and is Board Certified in Construction Law by The Florida Bar.

Phillip Pierson, BCN 1986 - Phil is an In-House Construction Consultant with Cole, Scott & Kissane P.A. -CSK in Miami, a law firm with a Construction Division specializing in construction litigation and ten offices through out Florida. He is President of Pierson Construction, Inc. an active State Certified General and Roofing Contractor. He was an owners representative with Broward County in Facilities Management, Parks and Recreation, and Water and Wastewater Services managing numerous county construction projects over 8 years. Prior he was Vice President of Atlantic Waterproofing and Restoration, Inc. a Specialty General Contractor, specializing in concrete repair and waterproofing projects to high rise buildings and structures. He started out with Pavarini Construction Co. Inc. as a Project Manager supervising numerous projects including the 17 story Sun Bank Center in downtown Ft. Lauderdale. Phil also managed with Southern Estates Unlimited a 24 million dollar mansion in Ft Lauderdale. He has extensive contracting experience in residential, commercial, and government projects.

Marc Smith, BCN 1989 – Marc is President of Personal Mini Storage where he develops, manages, and syndicated self storage properties across mid-Florida. He has served as the Foundation Director and Board of Directors for the Self-Storage Association. He is married with two sons and lives in the Orlando area.

Timothy Sterling, BCN 1989 – Tim has recently joined Coastal Construction as Vice-President/Project Executive. Tim spent 16 years with Suffolk before joining Coastal, and before that he was with Centex and McDevitt & Street

Allen S. Troshinsky, BCN 1990 - Allen was recently involved in the \$40M Transformation of the St. Pete Times Forum, home of the Tampa Bay Lightning. The exciting project included the installation of several new features, including an outdoor party deck overlooking downtown Tampa, a grand pipe organ, and 2 very large tesla coils that produce live lightning strikes within the seating bowl. As a Director of Operations for Mortenson, Allen provides oversight to all of their sports projects, which currently includes new arenas for the PSU Nittany Lions hockey and UNL Cornhusker basketball programs. He is also engaged in a selection of other large and complex projects, including the National Bio and Agro-Defense Facility in Manhattan, KS. Allen, Stacey (LAS '92), and their 3 children reside in Minnesota and all continue to enjoy cheering for Percy Harvin.

Andrew Messinger, BCN 1991 - Andrew founded Surepath Construction Services, LLC in 2007 and celebrates Surepath's 5-year anniversary in 2012. Surepath is a New Jersey based construction management firm offering its clients high-quality pre-construction, estimating, procurement, consulting, and project management services. Surepath has worked with a variety of well-known clients on more than 30 projects worth over \$180M. Andrew lives in central NJ with his wife Carolyn (UF '90) and their three children.

Scott McCarthy, BCN 1992 – Scott recently had an article published in the newsletter of the Sierra Club – New Jersey Chapter. It's entitled “The Smart Grid: Will it Help the Environment?”

Sean DeMartino, BCN 1993 – In October, Sean was promoted to President of the Florida Division for Balfour Beatty which has principle offices in Orlando and Plantation. Sean's promotion is part of a planned succession of leadership in Florida to position the division for future growth.

Todd Balfourt, BCN 1993 – Todd and his wife, Michelle (BD Architecture '92, M Architecture '94) have worked together in the past with their firms Balfourt Construction and Balfourt Architecture and recently completed a residence for themselves called the Hillcrest. It is a LEED certified home was designed and built with a mid century modern influence and capitalizes on certain key features of that style to respond to this particular climate and contribute to its LEED status. While floor to ceiling sliding glass walls allow spaces to transition easily from indoors to out, the house is oriented and opens up to the southeast to capture prevailing winds, reducing the number of days that air conditioning is needed. Nearly 50% of the east and west facades are glass allowing virtually all of the rooms to receive naturally day lighting with no internally lighting needed from sun up to sun down. Space moves easily throughout the house as most rooms are merely delineated by freestanding partitions and exposed steel and concrete columns. Details are pared down and the material palette is cool and reflective. Brightly colored partition walls and repetitive textures and patterns are specifically placed through the house to add depth to the uncluttered design and aesthetic.

Will Etheredge, BCN 1996 - Will has been co-owner of Chesapeake Construction since 1999 after a 3 year stint at RJ Griffin & Co. (Now JE DUNN). In January 2011 Chesapeake Construction merged with LEE & RYAN Environmental and Construction out of Indianapolis, IN. Will is now VP of Construction for LEE & RYAN and travels between their Indy, Chicago and now Atlanta branches. LEE & RYAN is a Service Disabled Veteran Owned Small Business (SDVOSB) and operates mainly in the Federal Sector providing general contracting, environmental remediation and self-performed structural concrete and flatwork services. Will lives in Marietta, GA with his wife, Erin, and their three children.

Brian Natwick, BCN 1997 - Brian was promoted in July to President of the Multifamily Division of Crescent Resources. Crescent Resources, LLC is a real estate development company based in Charlotte, NC.

BCN Grand Guard

Congratulations to the Class of 1961 BCN alumni who were inducted into the University of Florida Grand Guard in October. (l-r) Myron Corets and D. William Beebe, with Dr. Robert Ries.



Alumni Updates, cont.

Carson Brownell, BCN 1997 - Since graduation in 1997, Carson has held superintendent and project management positions at leading General Contracting firms that service the Southeast and are based in the Orlando area. These companies perform commercial, retail, medical, industrial, and educational projects. As of January 6th 2012, Carson joins HGR Construction as a Sr. Vice President and partner. HGR also employs other fellow Florida BCN graduates and was founded by close friends of Carson's. Carson looks forward to working through many challenges and rewards that the construction industry shall present in his new position as they continue to serve clients in the entire Southeast

Jeff Slade, BCN 1998 was promoted to Vice President/Operations of Miller Construction Company.

Roan Waterbury, BCN 1998 - Roan works with the Orange County Government as a project manager for the capital projects. He and his wife, Jennifer, celebrated the birth of their daughter, Reilly Jennifer, in September 2011.

Alison Reynolds, BCN 1999 - Alison is Project Manager with ET Environmental installing Compressed Natural Gas Fueling Stations in locations around the Eastern United States. She is LEED BD+C.

Brian Sudduth, BCN 2000 was promoted to Senior VP Preconstruction of Miller Construction Company

Jenn McAlister, BCN 2000 - Jenn recently joined Willis A. Smith of Sarasota as Project Manager.

Nathan Carr, BCN 2003 - Nathan is a Project Manager with Willis A. Smith of Sarasota. He was named "Rotarian of the Year" by the Rotary Club of Lakewood Ranch in June 2011.

David Zorrilla, BCN 2005 - David and his wife Erica had their first child, James Alan, in January 2011. David took a position at Kast Construction as an Estimator at their Main office in West Palm Beach, FL in May 2011. He stays busy working on Preconstruction and estimating on projects of various types and sizes (interior office and retail renovations, country club clubhouse additions and renovation, hotels, condominiums, government buildings). David recently worked on several estimates that Kast was successful in winning: Mirasol Country Club, Vero Beach Museum of Art, Ravenswood Community Center, Palm Beach County Fire Station #72, Florida Blue Retail Center.

Ryan Stringfellow, BCN 2006 - Ryan recently accepted a position with Smith Cashion & Orr, PLC, the largest construction law practice in the state of Tennessee, providing legal services to the construction industry.

Ryan Anderson, BCN 2006 - In August, Ryan and his wife Stephany made the move back to Tennessee! Ryan has taken a project manager position with B.L. Bennett & Associates, Inc., a construction management firm and developer based in Nashville who owns and manages Class-A office buildings all over the Southeast. In addition to pricing and managing new light commercial work locally, Ryan also acts as the owner's representative for T/I projects from Jacksonville, FL to as far north as Bowling Green, KY and as west as Memphis, TN. Having worked in Nashville following graduation, it is great to be back home and working with familiar faces in Music City!

John Banting, BCN 2007 - Hedrick Brothers Construction announces that John Banting, LEED AP, Sustainable Construction Manager is a recipient of the South Florida Business Journal 40 Under 40 Award. Recognized for his position within the company, responsibilities, career accomplishments and community service, John has been honored as one of the region's best and brightest professionals.

Charlie Norville, BCN 2008 - Charlie works for Fluor and is currently working as a turn-around Project Manager on BP Atlantis production platform in Houston, TX and Gulf of Mexico

Lindsey (Ore) Chupp, BCN 2008 - Lindsey began working for J. Raymond Construction in Central Florida in April 2011. She is working as a field engineer on projects such as Publix and Walmart. She also is an Estimating Assistant preparing bids for J. Raymond Construction.

BCN Alumni Regional Club Updates

Washington DC Metro Area

BCN- DC Metro alumni are forming a BCN club and planning the first club meeting. This club includes the area surrounding Washington DC and the surrounding states including Virginia and Maryland. If you are interested in joining or would like additional information regarding the BCN- DC Metro Club please contact:

Ms. Jeanna Haynes
Holder Construction Company
2355 Dulles Corner Blvd, Suite 501
Herndon, VA 20171
(703) 794-2428

jhaynes@holder.com

OR

Mr. Brooks D. Eden
Holder Construction Company
2355 Dulles Corner Blvd, Suite 501
Herndon, VA 20171
(703) 794-2423
beden@holder.com

Nashville/Middle Tennessee Area

Alumni in this area who are interested in forming a regional club, please contact:

Ryan Stringfellow
Smith Cashion & Orr, PLC
rstringfellow@smithcashion.com
(615) 742-8555

New York Area

Alumni in this area would like to form a regional club. If you are interested in participating in this club, please contact:

Peter Vega
Skanska
Peter.Vega@skanska.com
(813) 299-3281

ABC Student-Contractor Golf Tournament

Each year, the student chapter of the ABC student club hosts a student-contractor golf tournament that allows the students to interact with contractors. This year's event will be Friday, April 6th at Ironwood Golf Course. If you are interested in participating, please contact Tyler West at johntylerwest@gmail.com

BCN Alumni Regional Club Updates

Atlanta Gator BCN Alumni Club

The Atlanta BCN Alumni Club hosted the 2011 Golf Benefit on Tuesday, October 25, 2011. The 2nd year event was another huge success raising more money than 2010 for a total of \$45,000 for the Rinker School.

The event was held at the River Club, a prestigious Atlanta Private Golf Club designed by Greg Norman. The weather was picture perfect for golf with blue skies and cool Fall temperatures. The players had a great time at this important fundraising event.



Matt Maise, Adam Rossmell, LeeAnne Pinkcombe, Sarah Perkins, Meagan Siefker, Dr. Robert Ries, Professor Mike Cook, Wayne Wadsworth, Dr. Jim Sullivan, Matt Ladd, Justin Menendez, Jimmie Kok

Professors Jim Sullivan, Mike Cook and Interim School Director Robert Ries attended. In addition, the golfers enjoyed interacting and meeting the ASC LEED competition team who helped out and attended the event on their way to the competition in Birmingham, AL. Plans are underway for the 2012 Golf Benefit with the River Club at the same time next year.

A special thanks to our Sponsor companies, your support of the Rinker School is very much appreciated:

Orange & Blue Partners

Batchelor and Kimball, Inc.
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Stay-Dry Roofing
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Juneau Construction
LaFarge Aggregate & Concrete
Reeves Contracting Company
SteelFab Inc.
Superior Roofing Company of Georgia, Inc.

Event Sponsors

Mann Mechanical Company, Inc.
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ATC Associates

Friends of UF

Collins Construction
Nova Engineering
SECO Architectural Systems
Metromont
McCauley + Schmit



North Central Florida Gator BCN Alumni Club

The NCF Gator BCN Alumni Club hosted a social prior to the Florida vs. Arizona Basketball game at the Swamp Restaurant. The club elected Jeff Godman (BCN 1997) to act as the 2012 President. The social was hosted by Scherer Construction.

Palm Beach County Gator BCN Alumni Club

The 2nd Annual Sporting Clay Fun Shoot will be held on Saturday, February 25, 2012 at the CEMEX Hunt Club in Hobe Sound. The club invites everyone who is interested in participating. Contact Robin Clark for more information.

Robin Clark
Hedrick Brothers
rclark@hedrickbrothers.com

Central Florida Gator BCN Alumni Club

The Central Florida Gator BCN Club, along with Interim Director Robert Ries, gathered to reminisce and celebrate the club's gift of \$30,000 to the University of Florida School of Building Construction. This gift was made possible by the hard work of the board members and the many sponsors that supported the 3rd annual golf tournament. The gathering, which was sponsored by PCL, included over forty UF BCN Alumni that live and work in the Orlando area.

Their 4th annual golf tournament will take place April 19th at Orange County National. Over the last three years, this event has successfully raised over \$120,000 for the school of building construction. If you are interested in sponsorship opportunities or becoming involved with this tournament please contact Coby Welch at cwelch@wmo.nceusa.com.



(l-r) Rob Maphis, Robert Ries, John Sofarelli, Travis Kolbjornsen, Jeremy Voss, Coby Welch, Art Higginbotham, Sean DeMartino and Tom Maurer. Board Members not pictured are Matt Zabic, Pete Pace and Cam Bradford

BCN Alumni Regional Club Updates

The Tampa Bay BCN Gators held the 4th Annual Inshore Fishing Tournament on Friday, October 21st out of Hula Bay in Tampa. The event was a great success and eclipsed all previous tournament totals with \$9,500 raised for the School of Building Construction. Tournament entry's included (16) professional guided boats and another (8) personal boat entry's for a (24) boat field and almost (100) Angler's! Result's of the tournament are as follows:

1st Place: 73.25" aggregate - Clark Construction and team Captain Kyle Mixon (Redfish, Snook, Mackerel)

2nd Place: 70" aggregate - Cemex and team Captain Rick Diaz (Redfish, Trout, Snook)

3rd Place: 68.5" aggregate - Highway Technologies and team Captain Gloria Ferguson (Redfish, Trout, Cobia)

Big Fish: 31" Redfish – Chris Lucas fishing with Team Cemex and team Captain Rick Diaz

This year's "Conservation" prize for the team who demonstrates the most "Environmentally Friendly" fishing outing of the day by recording the least amount of fish by any of the (24) teams goes to Peninsular Mechanical and team Captain Jason Spears. In spite of the excellent fishing conditions, having a professional guide, and record catches by all other teams, Peninsular Mechanical overcame all obstacles and successfully caught and recorded zero (0) fish on the day of the tournament. This is an extraordinary feat under exceptional conditions that certainly deserves recognition!



1st Place: Team Clark Construction (from left to right) Aaron Bishop, TBBCN Director Andrew Wilbert, Rick Furr, Tournament Capt. Mike Anderson, Boat Capt. Mike Gore, and Kyle Mixon (not pictured.)



2nd Place: Team Cemex (from left to right) Boat Captain Lee Blick, Larry Farmer, Rick Diaz, and TBBCN Director Chris Lucas

The Tampa Bay BCN Gators would like to say Thank You to all of the event sponsors who make the tournament a success. The school received very generous contributions from the sponsors this year through some tough economic times. The sponsor list is as follows:

Tournament Sponsor
Archer Western

Gator Sponsors
Clark Construction
Kiewit

Shirt Sponsor
Power Design

Food/Beverage Sponsors
Marine Max
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Team/Other Sponsors: Tampa Bay Trane, Ajax Paving Company, Loadmaster Trailers, Copeland Architectural, O'Neill's Marina, Allied Building Products, Tri-City Electric, RoyalAire Mechanical, Nelson Construction, Highway Technologies, Creative Contractors, CQ Insulation, The Murray Company, Peninsular Mechanical, Cemex, Ryan Sherwood, Marco Bay Construction, J.E. Charlotte Construction Group, Power Design, Wal-Mark, Skanska, West Star Interiors, Flagler CE, Coastal Construction Products, Home Pride Cabinets, Florida Sportfishing Magazine, Lyndan Inc., Hula Bay, Gator Jims, Four Corners Framing, Artist Tony Ludovico, and our Tournament Captain Mike Anderson and the Reel Animals Fishing Team.

The Tampa Bay BCN Gator's fishing tournament has quickly become a premier event for the construction industry in the area. The tournament has seen a 25% average increase each year and they are looking forward to keeping the momentum in 2012. Next year's Tournament Date is Friday, October 19, 2012 and the event is open to all BCN Alumni, Friends of UF, and Construction Industry Professionals. Please come join them for a great day of fun and fundraising for the School of Building Construction.



Alumni Working Overseas

Jay Belli (MBCN '76) and Javier Castano (BCN '06) are currently based at the U.S. Embassy in Kabul, Afghanistan working on construction projects for the U.S. Agency for International Development. Jay is a Team Leader in the Office of Infrastructure, Engineering, and Energy, managing Afghan and American engineers who oversee the design and construction of US Government (USG) funded schools, hospitals and roads throughout Afghanistan. Javier is a career Foreign Service Officer serving as a Contracting & Agreement Officer for horizontal and vertical building and infrastructure contracts supporting Jay's engineering office.

The attached picture shows Jay and Javier at a ribbon-cutting ceremony for the new Ghazi High school, part of the USG funded Kabul Schools Program which also includes the new Sardar Girls High School. Together, these two school supports the secondary education for over 12,000 boys and girls in Kabul. Jay was one of the technical officers for the school's construction and Javier was the Contracting/Agreement officer overseeing this award and over twenty other building and transportation projects.



Javier Castano (l-r) and Jay Belli

Preston Haskell visits BCN

Preston Haskell, founder and chairman of The Haskell Company, had a clear message about design build for the DCP-student packed audience at Rinker Hall on September 29th. It's all about best practices and advocacy of design build procurement. "I can't emphasize the importance of best practices enough," Haskell said. "Design build, when properly done, delivers all of the [expected] results and advantages. Design build poorly done can be a complete disaster. And the thing that we, meaning all of us, should be vigilant in, is not letting poorly delivered design build projects by an uninformed or inexperienced entity put a bad name on the delivery process itself."

Haskell said that The Haskell Company and Design-Build Institute of America (DBIA), of which he was the founding chairman, spends a lot of time promulgating best practices – making sure that people who do indeed deliver do it right, and do it well. "The second big thing that DBIA does is sell the advantages of design delivery to owners and other decision-makers, policy-makers, government officials and procurement executives and decision makers in the private sector, as well," Haskell said. "[We] do that in a number of ways, speaking and appearances and simply selling one on one and publicizing successful design build projects to owners and using the

usual business development methodologies for selling not necessarily your own company, but selling a delivery method." Haskell said that the trend in design build delivery is positive, significant and upward.

"You, as students, as future design builders, are standing I think on the inflection point of design build delivery in terms of its popularity, its applicability, its advantages, and also its challenges and requirements," Haskell said. "So I would encourage all of you to continue your interest in design build and to learn as much about all of the various disciplines as you possibly can." Haskell graduated with honors from Princeton University with a degree in civil engineering, received a master of business administration with distinction from Harvard University, and attended Massachusetts Institute of Technology for graduate study in building engineering and construction. He received the Distinguished Builder award in 1998 from the M.E. Rinker, Sr. School of Building Construction.



Dr. Doug Lucas (l-r) and Preston Haskell

Guest Lecturers

BCN 1001 - Introduction to Building Construction

Matt Webster, Charles Perry Partners, Inc.
 Erik Anderson, Charles Perry Partners, Inc.
 Trent Swartz, Charles Perry Partners, Inc.
 Kellie Bryant, Charles Perry Partners, Inc.
 John Sofarelli, J. Raymond Construction
 Tim Good, Haskell Company
 Stephen Watts, Kiewit
 Jerod Lawrimore, Kiewit
 Nick Schiegner, Kiewit
 Mike Worobec, Kiewit
 Greg Grimes, Kiewit

BCN 3027C - Intro. to Constr. Mgmt.

Mark Meyer, CNL Commercial Real Estate

BCN 3700 - Construction Contracts

Ryan Stringfellow, Smith, Cashion & Orr PLC

BCN 4510C - Mechanical Systems

Rick Bloom WW Gay Fire Protection
 Jim Tharp and Tony Chaves, Tharp Plumbing
 Erik Lindquist, Brasfield and Gorrie
 Rob Boyers, Fair Mechanical

BCN 4709C - Construction Project Management

Bryan Kornblau, Eagle Construction of VA
 Mark Meyer, CNL Commercial Real Estate

BCN 4787C - Construction Capstone Project

Jeff Charlotte, J.E. Charlotte Construction Company

BCN 4880 - Mgmt Heavy/Highway Construction

Richard Caby, Zurich Surety
 Ayesh Bhagvat, Zurich Surety

BCN 4905 - Design Build

Preston Haskell, Haskell

BCN 6585 - Sustainable Construction

Sanjyot Bhusari, AEI Engineers
 Sean McLendon, Alachua County



Dr. Rick Smailes and Mark Meyer



Jeff Charlotte and Dr. Rick Smailes



Dr. Rick Smailes and Bryan Kornblau



Dr. Edward Minchin and Jeff Nelson



Richard Caby, Dr. Edward Minchin and Ayesh Bhagvat



Professor Cook and Ryan Stringfellow



Photo on left: Matt Webster, Eric Henderson, Kellie Bryant, and Trent Swartz

Fall 2011 Welcome Reception

The M.E. Rinker, Sr. School of Building Construction hosted its Fall 2011 Welcome Reception at Rinker Hall on September 8, 2011 with nearly 100 students and faculty in attendance. Presentations were made about different programs in BCN for international exchanges, job placement, internships, students clubs and student competition teams. Dr. Robert Ries, Interim Director of the School, urged students to “get involved in as many activities as possible.”



BCN Bonds of Friendship are formed at the beginning of their education. (l-r) Alex Flanagan, Daniel Diaz, Tyler Schreiner and Kyle Cox.



The Heavy Highway Student Club Members: Micahel Llerandi, and Tyler Schaub are eager to recruit new members.

Several faculty and the BCN College Council president welcomed the incoming students at the “White Hard Hat Ceremony” into the BCN family and the construction field.

Incoming Juniors and Graduate Students receive their white construction hats (above) and listen to the many opportunities to be involved at the Rinker School (below).



Fall 2011 Graduation Dinner

BCN held its graduation dinner on December 16, 2011, from 6:30 to 9:30 p.m. at J. Wayne Reitz Union Rion Ballroom. Over 100 graduates, family and BCN faculty attended this event to celebrate the graduation of another group of BCN students.

Graduation dinner sponsor Balfour Beatty’s, **Ray Southern**, spoke to the class about their future in construction. Dr. Robert Ries presented **Dr. Jim Sullivan** with the Rinker School of Building Construction Distinguished Teaching Award, **Stacy Meyers** with the Rinker School Building Construction Student Academic Excellence Award, and **Bobby Saltzman** with the Rinker School of Building Construction Student Leadership Award.

*A special thanks to
Balfour Beatty
sponsoring the
Fall 2011 Graduation Dinner*

Balfour Beatty
Construction



Dr. Ries (l-r) presents Ray Southern with plaque of appreciation for sponsorship.



Dr. Ries (r-l) presents Dr. Jim Sullivan with Teaching Excellence Award.



Dr. Ries presents Stacy Meyers with Academic Excellence Award.



Dr. Ries (l-r) presents Bobby Saltzman with Student Leadership Award.

In October, the BCN student clubs were asked if they would participate in the 29th Annual Pumpkin Carve-off Contest that is held at the Shands at UF Atrium. The Christians in Construction (CIC) student club volunteered to represent BCN and won 1st place! Great job Ian Nichols (l-r) and Robert Erickson!



Homecoming 2011

On Friday, November 5, 2011, UF held its 89th Annual Homecoming Parade that included an outstanding float built by the Rinker School students (photo on right). A special thanks goes to the float sponsors: **BBI Construction Management, CE-MEX, Central Builders Supply, CPPI, Current Builders, and Haskell.**

On Saturday, November 6, 2011, the BCN held its annual Homecoming BBQ that was sponsored by **Current Builders**. Nearly 100 alumni and friends of the Rinker School of Building Construction gathered on the front lawn to celebrate UF's 2011 Homecoming. The event began with Advisory Council updates in the MEP lab, followed by the induction of Sid Jordan of Clark Construction into the BCN Construction Hall of Fame.

After mingling, reminiscing and eating BBQ in the chilly weather, BCN alumni walked to the swamp to see the Gators play Vanderbilt.



*A special thanks to
Current Builders
for sponsoring the
Fall 2011 Homecoming BBQ*



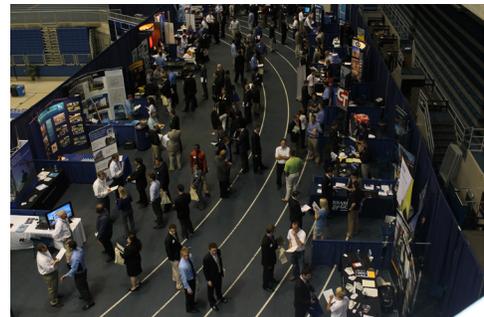
Fall 2011 Career Fair

The Rinker School held its Fall Career Fair on October 18, 2011, at the O'Connell Center. The career fair was attended by nearly 50 companies and approximately 260 students and visitors. Many pre-BCN students attended the fair looking for internships, as well as alumni and students from other schools within the College and

other building construction programs in Florida. The next career fair will be in the Spring on February 28, 2012. For more information on sponsoring or attending the career fair, please contact the job placement office at (352) 273-1187.

The Building Construction Career Fair
February 28, 2012 9:00 am - 1:30 pm
Stephen C. O'Connell Center

For more information, visit our website at:
www.bcn.ufl.edu
(click on job placement, recruiter information)



Rinker School Activities



Each semester Dr. Rick Smailes invites industry representatives to judge the student projects for BCN 4787C - Construction Capstone Project. Photo of (l-r) Tim Becker of the UF Real Estate School, Dr. Rick Smailes, James Marini of Ajax Building Company, and Ryan Murphy of Lawson Construction Group.



BRPH Construction's Brad Runyan provided an opportunity for BCN 3224 - Construction Techniques class to tour the new PK Yong's classroom addition.

American Institute of Constructors Promotes Ethics and Professionalism in Construction



AIC is the organization that seeks to give Constructors the professional status they deserve. The Institute is the constructor's counterpart of professional organizations found in architecture, engineering, law, and other fields. As such, the Institute serves as the national qualifying body of professional constructors. AIC membership identifies the individual as a true professional.

Prior to graduation, seniors at the Rinker School join students from numerous other university construction programs to take the American Institutes of Constructors' Associate Constructor's exam. Certification benefits all parties involved in the construction industry, since it raises the standards of professional practice. The 8-hour test consists of 300 questions in the following categories:

- Communications Skills
- Engineering Concepts
- Management Concepts
- Materials, Methods, and Plan Reading
- Bidding & Estimating
- Budgeting, Costs, and Cost Control
- Planning, Scheduling, and Control
- Construction Safety
- Surveying and Project Layout
- Project Administration

Exams are given in the spring and fall. Our students have taken the test four times to date and each time they have scored significantly above the national average in virtually every category.

Benefits to the Employer

- Provides an independent assessment of an employee's skills and knowledge, based on a comprehensive national standard.
- Provides a recognized credentialing within your company that improves marketability to clients.
- Provides assurance that an employee will continue to hone their skills, through the required Continuing Professional Development program.

The purpose of The American Institute of Constructors (AIC) is to promote individual professionalism and excellence throughout the related fields of construction.

Our mission is to provide:

- A qualifying body to serve the individual in construction, the Constructor, who has achieved a recognized level of professional competence;
- Opportunities for the individual constructor to participate in the process of developing quality standards of practice and to exchange ideas;
- Leadership in establishing and maintaining high ethical standards;
- Support for construction education and research;
- Encouragement of equitable and professional relationships between the constructor and other entities in the construction process; and
- An environment to enhance the overall standing of the construction profession.

For more information on AIC or the certification exam go to: <http://www.professionalconstructor.org/>

Fire & Emergency Service (FES) Program

The FES administration is very pleased to welcome several new faculty to the program this year:

Stuart is the Assistant County Administrator/Fire Chief for the Marion County Board of County Commissioners and a board member and former president of the Florida Fire Chiefs Association (FFCA).

Barry was formerly the Fire Chief and Emergency Management Director for the Ormond Beach Fire Department. Currently he is with the Florida State Fire Marshal as Bureau Chief and Superintendent of Firefighter Standards and Training at the Florida State Fire College.

Bill previously was the Fire Chief and Emergency Management Director for the Milwaukee Fire Department. He is currently with the Florida State Fire Marshal as Assistant Superintendent of Firefighter Standards and Training at the Florida State Fire College.

The annual FES Advisory Council meeting was held October 12, 2011. The council is comprised of industry professionals and provides important recommendations regarding trends and needs for the FES program. The Advisory Council set an agenda for course and program review, which will enhance course offerings and delivery.

FES Advisory Board: (l-r) Mark Womack, Chuck Smeby, Patrick Giacobbe, Louis Mallory, Robert Ries, Bill Wentlandt, John Williamson, Raymond Issa, Barry Baker, Barbara Klingensmith, Stuart McElhaney, Richard Smailes, Dottie Beaupied, Lorie Drewke. Not pictured – Rand Napoli, Bruce Delk



Bill Wentlandt



Barry Baker



Stuart McElhaney



Congratulations to Justin Sanders who graduated from the Fire & Emergency Services Program Fall 2011 semester

Student Competition Teams

Design Build Competition Team

The Design Build Competition Team competed at the ASC Regional Competition. This competition puts students in what will be the closest to a real life situation while in college. Prior to the competition they are given an idea of the type of building that they will be bidding along with instruction for qualification. Upon arrival, they are given the RFP and thirteen hours to design, schedule, estimate, and propose a building as per the RFP documents. This year the project was for a Special Operations Forces Battalion Headquarters and Company Operations Facility. The team worked hard months before the competition to prepare; meeting with sponsors, construction officers at Camp Blanding, as well as faculty within the Rinker Program. They are pleased to have returned from the competition with not only a 1st Place award, but an award for the Best Presentation. The Design Build Team would like to thank **Haskell** who provided financial and advising support.



Design Build Competition Team - (l-r) Alex Motola, Chase Adler, Chelsea Kornblau, Doug Lucas, Stacy Meyers, Patrick Duffy, Andrew Schroeder, Ryan Shafchuk, Jake Landreneau

Heavy/Highway Competition Team and Club

The Rinker School and the University of Florida were represented for the fifth time in the Heavy / Civil Section of the Associated Schools of Construction (ASC) Regional Competition in Birmingham, AL October 26-28. The team was sponsored by **Nelson Construction Co.** of Palm Harbor and coached by Dr. Edward Minchin, who worked in Florida's heavy / highway construction sector for 14 years before entering academia in 1996. Jeff Nelson, company President, spent much time with the team helping them get prepared for the competition. The team did not win the competition, but submitted the bid that was closest to the actual winning bid for the project, which was the post Hurricane Katrina levee project outside New Orleans, LA.

The team was made up of five Rinker School students and one Civil Engineering student. The team members were Tyler Schaub (Captain), Christian Taylor, Brent Melvin, Tyler Edenfield, Brian Morales and Mike Llerandi.

The team was the guest of The Florida Transportation Builders' Association's Tampa Bay Chapter for their monthly Chapter Social on Clearwater Beach in October. The day of the social, the team visited an ongoing highway construction project and office trailer operated on the project site by the prime contractor, Nelson Construction.



Heavy Highway Competition Team - (l-r) Dr. Edward Minchin, Christian Taylor, Michael Llerandi, Tyler Schaub, Brian Morales, Derrick Wohlfield (CE student), Tyler Edenfield, and Brent Melvin (CE Student).

Construction Management Team

The UF Construction Management Team traveled to Hoover, AL, for the Region II competition, hosted by the Associated Schools of Construction. Each team formed a fictitious company which created a schedule, estimate and presentation for the assigned project. Three weeks before the competition the teams were notified that the project was a 200,000 square foot or less multi-level higher education building. Solely on this information, they delivered a qualifications package outlining their company objectives and previous experiences. The day of the competition they were given a full set of plans and specifications to University of West Georgia's future nursing building, and given twelve hours to deliver a detailed cost estimate, site utilization plan, phasing plan and a safety plan. The CM Team sincerely thanks **Balfour Beatty Construction**, for not only financial support but going above and beyond that in instructing the team on how to prepare for a proposal. The CM team would also like to thank Carol Walker and Bahar Armaghani at the UF Facilities Planning and Construction office for allowing the team to sit in on presentations for a University of Florida project which proved to be a valuable learning experience. The CM team ended up finishing in a three way tie for second at this year's competition along with Auburn and Clemson. Southern Polytechnic State University placed first overall. The team has consecutively been a competitive candidate for first place, and is excited to compete in the ABC National Competition this spring 2012 in San Antonio, TX.



Construction Management Competition Team - (l-r) Dan Heaton, Sarah Earle, Thomas Schreiner, Jason Driscoll, Forrest Cauthron, Rochelle Stephens, Brooks Tragash, Bobby Saltsman, and Professor Michael Cook.

LEED Competition Team

Dr. Jim Sullivan coached the 2011 ASC Regional LEED team this year for the October 2011 competition in Hoover, AL. The team took home second place out of 4 teams! This year's focus was on LEED for retail spaces for which the students did a great job balancing USGBC requirements for certification and the constraints of a retail program. Dr. Sullivan would like to thank Mr. Dan Whiteman and **Coastal Construction Company** for sponsoring this year's team.



LEED Competition Team - (l-r) Sarah Perkins, LeeAnn Pinkcombe, Justin Menendez, Matt Maise, Adam Rosmell, Matt Ladd and Dr. Jim Sullivan.

Scholarships

Arthur A. Coia

Jonathan Rodriguez \$1,500

Balfour Beatty Construction

Fernando Corona \$800

Builders Association of North Florida

Erik Bernal \$1,500

Construction Association of South Florida

Megan Siefker \$2,000

CEMEX

Shannon Carter \$1,000

Westin Jensen \$1,000

Richard Ledbetter \$1,000

Ian Nichols \$1,000

Kris Sawicki \$1,000

Frank Reed Central Florida Builders Exchange

Jack Jennings

Thomas Schreiner \$1,200

R.C. Stevens

Sean Mullin \$600

Tri-City

Micah Hoskinson \$600

Walker & Company

Spenser Sotolongo \$1,200

Foote Steel

Nitesh Patel \$600

Hubbard

Juan Carlos Sanjuan \$720

H.H. Block

Sara Garrett \$1,000

James A. Cummings

Stephen Keller \$2,000

Jimmie Kok \$2,000

Guillermo Mediavilla \$2,000

Jones Memorial Endowment

Ian Gallagher \$1,200

Robert Erickson \$1,200

Paul & Laura Dickert

Claudia Garcia \$1,500

Matt Remsen Memorial

Sean McAlpin \$1,000

Ronald Tadrowski Memorial

Adam Rossmell \$2,000

Zachary Blain Schlitt Memorial

Aja Gower \$1,500

Clark Construction

Jonathan Humphries \$2,000

Sarah Ling \$2,000

Eric Schwebach \$2,000

Christian Trucco \$2,000

Daugherty Endowment

Forrest Bolling-Cothron \$800

Abdol Chini Scholarship

Maryam Mirhadi-Fard \$1,000

Anthony Section Memorial

Juan Orozco \$1,000



The Rinker School offers approximately 40 scholarships a year. We want to express our appreciation to the companies and individuals who have provided these opportunities for the BCN students. If you are interested in establishing a scholarship, please contact Dr. Robert Ries at rries@ufl.edu

Rinkers tour Rinker Hall

David B. Rinker, son of M.E. “Doc” Rinker, Sr., the namesake behind the M.E. Rinker, Sr. School of Building Construction, visited the University of Florida on Nov. 19 along with his wife, Leighan. David Rinker, who currently leads the M.E. Rinker, Sr. Foundation, and his wife toured Rinker Hall among other spots on campus.

David & Leighan Rinker (l-r) meet with Dr. Abdol Chini and Dr. Robert Ries at Rinker Hall



Rinker School Major Donor Companies

To show our appreciation to the construction companies who have contributed generously to the Rinker School, we have created a major donor status and provided the following recruiting advantages for our major donors:

All Major Donors shall receive a discounted registration fee for the career fair according to their level of donations (Gold, Silver, and Bronze). See the fee structure below.

All Major Donors shall get preferential placement at the Career Fair.

All Major Donors can participate in a reception with the graduating seniors the evening before the Career Fair.

Major Donors will be given priority for interviews and seminars at the School before the Career Fair.

Regular Registration Fee:

For a booth including two (2) recruiters/company representatives... \$1,000
For each additional recruiter/company representative.... add \$400 each

Major Donor Registration Fee:

Bronze Level

For a booth including two (2) recruiters/company representatives. \$500
For each additional recruiter/company representative.... add \$250 each

Silver Level

For a booth including two (2) recruiters/company representatives. \$300
Add one (1) additional recruiter/company representative free of charge.
For each additional recruiter/company representative.... add \$200 each

Gold Level

For a booth including two (2) recruiters/company representatives. \$300
Add up to three (3) additional recruiter/company representatives free of charge.

Major Donor Levels:

Bronze: Companies who have contributed \$10,000 or more to the Rinker School of Building Construction over the preceding 3 years.

Silver: Companies who have contributed \$50,000 or more to the Rinker School of Building Construction over the preceding 10 years.

Gold: Companies who have contributed \$100,000 or more to the Rinker School of Building Construction over the preceding 10 years.



Major Donors as of December, 2011

Gold (\$100K or more in last 10 years)

Baker Concrete
Balfour Beatty
CEMEX USA
Clark Construction Group
Fluor Foundation
Holder Construction
J. Raymond Construction

Silver (\$50K or more in last 10 years)

Angle & Schmid
Brasfield & Gorrie
Charles Perry Construction
Current Builders
Haskell Company
James A. Cummings, Inc.
McIntyre Elwell & Strammer GC
Miller Construction Inc.
Stiles Corporation

Bronze (\$10K or more in last 3 years)

Acousti Engineering of FL
ANF Group Inc.
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Burkhardt Construction
CCK Construction Services
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Thank You

Thank you to all who donated to the M.E. Rinker, Sr. School of Building Construction General Fund (June - December 2011):

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The Haskell Co.
The Holder Construction Fdtn
Trigram LLC
Tritt Henderson
Weitz Company

Class Activities



In Spring 2011, Dr. Sullivan's Roofing Class (BCN 4237) partnered with Rebuild Together, Florida Roofing and Sheet Metal Association and Schmidt Roofing to re-roof an entire house. This activity is part of the roofing course requirement.



During the Fall 2011, BCN students in the Mechanical Systems class have to use their mechanical plans of Rinker Hall to locate thermostats, variable air volume boxes, supply diffusers, returns, variable frequency drives and air handlers.



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

Be sure to put BCN in the Memo Line

Please check the appropriate block membership in the BCN Advisory Council:

INDIVIDUAL MEMBERSHIP

- \$100 Certificate
- \$300 Mounted Certificate plus BCN tumbler
- \$2,000 includes membership in the 1853 Society

CORPORATE MEMBERSHIP

- \$300 Mounted Certificate plus BCN tumbler
- \$1,000 Plaque
- \$2,000 includes membership in the 1853 Society

Name _____

Address _____

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Signature _____ Date _____

Please send gifts to 304 Rinker Hall, PO Box 115703, Gainesville, Florida 32611

Help Build the Future with the BCN Brick Paver Campaign!

Want to have your name in Rinker Hall, the 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.

Visit www.bcn.ufl.edu/brick for more information.

Please make checks payable to UF Foundation. Do NOT send cash. Be sure to note BCN Brick Campaign in the Memo Line. Please send checks to 304 Rinker Hall, PO Box 115703, Gainesville, Florida 32611

Name: _____

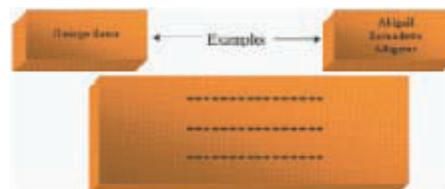
Address: _____

City: _____ State: _____

Zip: _____ Phone: _____

Number of Bricks Ordered: _____

Total Amount Enclosed: _____



Shimberg Center for Housing Studies

It has been a busy fall at the Shimberg Center for Housing Studies. We are pleased to announce the appointment of Bill O'Dell as Director of the Center, effective September 2011. Bill has been with the Shimberg Center since 1995, and spearheaded the establishment of the Florida Housing Data Clearinghouse in 2000. He had served as Interim Director from 2009 to 2011 following Dr. Robert Stroh's retirement.

Shimberg Center researchers made a number of presentations in the summer and fall:

- Caleb Stewart and Dr. Marc Smith presented "Rental Housing After Subsidy: Affordability of Florida's Formerly Subsidized Housing Stock" at the American Real Estate & Urban Economics Association Mid-Year Meeting, June 2 in Washington DC.
- Dr. Andres Blanco from UF's Department of Urban and Regional Planning and Dr. Abdulnaser Arafat of the Shimberg Center presented "Identifying Suitable Locations for the Development and Preservation of Affordable Housing in Florida: The Affordable Housing Suitability (AHS) Model" at the annual conference of the Association of Collegiate Schools of Planning (ACSP) October 13-16 in Salt Lake City, Utah. The AHS model is a GIS-based model developed by Shimberg, Urban and Regional Planning, and GeoPlan Center that assesses the suitability of affordable housing sites based on land use, transportation access, and neighborhood conditions. Shimberg Center staff Liz Thompson, Vince Wang, and Yuyang Zou have also worked on the model. A poster illustrating the AHS model won the "People's Choice" award at the conference.
- Dr. Blanco also presented "Leaving the Assisted Housing Inventory: Property, Neighborhood, and Regional Determinants," at the ACSP conference, developed in collaboration with the Shimberg Center.
- Bill O'Dell and Caleb Stewart presented the Center's research on the AHS and affordable rental housing at the annual conference of the Florida Housing Coalition on September 27 in Orlando.
- Bill O'Dell and Dr. Sherry Ahrentzen presented an overview of the Center's research at the Ohio Housing Conference in Columbus on November 30. Topics included the AHS model, preservation of Florida's affordable rental housing, and healthy homes for seniors.

Finally, the Center picked up a major new project in November when the U.S. Department of Housing and Urban Development awarded a \$2.4 million Sustainable Communities grant to a partnership led by the East Central Florida Regional Planning Council. The partners will use the grant to develop plans for housing, economic development, and bike and transit access in the areas surrounding 12 planned Orlando-area stations for the new SunRail commuter rail system. The Shimberg Center will work with the partners to assess affordable housing needs in neighborhoods surrounding the stations.



Richard Shimberg (l-r), Dena Shimberg and son Kyle Shimberg visits Rinker Hall and meets with Dr. Robert Ries and Center Director Bill O'Dell. Richard is son to Jim Shimberg who the Center is named after.



Bill O'Dell, Bill Whiteford, Marc Smith, Jim Martinez, Naser Arafat, Scott Bishop, Anne Ray, Linda Stanley, Liz Thompson, YuYang Zou, Caleb Stewart, Sherry Ahrentzen, Charles Gibbons, Vince Wang

Former Faculty Update



Felix Uhlik was a faculty member at BCN from 1993-1998. Serving as Graduate Coordinator, he also taught undergraduate construction techniques, and graduate courses advanced surveying and research methods. He also developed and taught a graduate course in Facilities Management.

From 1998 to 2007 he was an Associate Professor & Graduate Coordinator in the School of Building Construction at the Georgia Institute of Technology where he developed a graduate program in Facility Management that has become one of only a select few "recognized" by the International Facility Management Association (IFMA). From 2007 to 2009 he refurbished homes in Colorado Springs, Colorado as an independent contractor. Dr. Uhlik is now semi-retired except for informal consulting and a small Financial Planning Practice. He spends time putting around his 2.5 acre homestead in rural Colorado Springs. He and Nancy enjoy fishing, traveling and visiting four grandkids.

Dedicated BCN Staff

Did you know that the Rinker School has nine staff members that have been with the department for 12+ years? The longest time being 24 years while the shortest time being 11 months. This dedicated staff provides consistency for the students and alumni. They truly enjoy working at BCN and being part of the BCN family. The BCN staff below were recently reconized for their years of service. Jennifer Mashburn (5 years), Dottie Beaupied (10 years), Sallie Schattner (15 years) and Rich Kelley (20 years).



front (l-r) Dottie Beaupied and Sallie Schattner
back (l-r) Rich Kelley and Jennifer Mashburn

Faculty & Staff News



Dr. Edward Minchin made a presentation to the Florida Engineering Society Annual Conference in Miami Beach, Florida. The presentation team also included Rinker School Adjunct Professors Ken Atkins and Gregg Hostetler and was entitled “The Value of CM/GC as a Tool for Infrastructure Project Delivery.”

Dr. Ajay Shanker was invited by the Ministry of Higher Education and Scientific Research of United Arab Emirates (UAE) to be part of an accreditation team for the Technical Drawing Diploma programs in UAE. The three-year Diploma programs for high school graduates were started about four years ago by the UAE government. The programs were established in response to the needs of the construction industry in UAE and for creating employment opportunities UAE nationals. Dr. Shanker visited Al Jaheli Institute of Science and Technology in Al Ain; Baynounah Institute of Science and Technology in Al Gharbia; and Al Jazirah Institute of Science and Technology in Abu Dhabi. All programs had excellent physical facilities and extremely dedicated faculty. Several suggestions to include detailing for steel and concrete; construction techniques; shop drawings; and software were made. It was heartening to see that almost all students were females which shows the rapid progress made by UAE for providing equal rights to all nationals.



Dr. Ravi Srinivasan was invited to chair two sessions on “Limitations of Simulation in Practice” in the 12th biennial Conference of International Building Performance Simulation Association, Sydney, 14-16 November, 2011. Dr. Srinivasan also published and presented five scientific papers that focused on varying topics including re(de)fining Net Zero Energy definitions, sustainability assessment of buildings, envelope optimization of buildings, calibrated simulation model and development of benchmark plug-load densities for K-12 schools, at this premier conference dedicated to improving the built environment. The co-authors of these papers include faculty from the University of Pennsylvania, research scientists from the U.S. Environmental Protection Agency (US EPA) and Lawrence Berkeley National Laboratory (LBNL), and industry practitioners.



Dr. Srinivasan published and presented “Energy Balance Framework for Net Zero Energy Buildings” at the Winter Simulation conference held in Phoenix, AZ, December 11–14, 2011. Dr. Srinivasan published “Renewable Substitutability Index (RSI) for Built Environments” at the 7th biennial Energy Research conference held in University of Florida, January 12–14, 2012. The paper discussed the development of RSI and a renewable resource recovery rate to integrate renewable resource use over the lifetime of the building. The co-authors of this paper include research scientist from U.S. Environmental Protection Agency (US EPA) and a graduate student, Wang Wei, from the Rinker School.



Professor Michael Cook was recently nominated to be considered for the Undergraduate Teacher/Adviser of the Year. He states that he is also considered becoming a “touring pro” in golf.

Dr. Abdol Chini was a keynote speaker at the 16th International Symposium on Advancement of Construction Management and Real Estate (CRIOCM 2011) that was held on September 23-25, 2011 in Chongqing, China. His presentation reviewed the significant amount of waste produced by demolition of building structures and addressed the strategies to reduce waste impact of the construction and demolition. He also gave a presentation on “principles of sustainable construction” to faculty and graduate students of the School of Construction Management and Real Estate at the Chongqing University and a presentation on “life cycle costing as a critical tool for building green” to faculty and graduate students of the Chongqing Jiaotong University. Dr. Chini traveled to Hong Kong in early June to attend the Board of Examiners meeting as the academic advisor for Department of Building and Real Estate at the Hong Kong Polytechnic University (PolyU). In October, he presented a paper on “Estimating Energy Consumption during Construction of Buildings: a Contractor’s Perspective,” at the World Sustainable Building Conference, in Helsinki, Finland.



Drs. Abdol Chini and Ajay Shanker were invited to India by the Jaypee Group, a well-diversified infrastructure industrial group that has developed three higher education institutes in emerging areas of technology in India. They visited Jaypee University of Engineering & Technology (UIET) at Guna from 8/8 to 8/12. The purpose of

this trip was to build on relationships that was established in 2006 between the Rinker School and the higher education institutes under the auspices of Jaypee. At that time, a plan was developed to start a master’s degree in construction management at UIET. In addition, Jaypee sent one of UIET faculty, Sandeep Shrivastava to complete his Ph.D. degree in construction management at the Rinker School. Sandeep will be graduating this spring and will return to India to teach the newly developed construction management courses. Drs. Chini and Shanker visited the academic and research facilities of the UIET campus, reviewed the curriculum of the civil engineering program, and met with the faculty and students. They also provided several workshops for the faculty and students and covered several topics such as value engineering, sustainable construction, and construction techniques of concrete and steel frame buildings in US. At the last day of the trip a memorandum of understanding was signed between the Jaypee Group and the Rinker School to allow civil engineering students who are enrolled in Jaypee Universities to spend their final semester at the Rinker School and take four construction management courses. Upon successful completion of the four courses a Certificate in Construction Management issued by the Rinker School will be given to each Jaypee student. There are three Jaypee students who are currently enrolled in this certificate program.

Sponsorships

The Rinker School has a limited budget, and there are many activities and items for which we could certainly use your financial assistance. In return for your underwriting of these activities/items, we would provide appropriate publicity about your support.

In the case of events, we would be pleased to have a company representative attend the event and say a few words on behalf of your firm. For the Newsletter, we would include a prominent credit on the back page of the Newsletter.

The following is a list of events and their approximate cost to us for which your support would be very beneficial to the Rinker School and its students:

Available Event Sponsorships		
Welcome Reception	Fall 2012	\$6,000
BCN Newsletter	Fall 2012	\$8,000
Graduation Dinner	Fall 2012	\$3,500
Homecoming BBQ	Fall 2013	\$3,500

If you need additional information, please contact Dr. Robert Ries (rries@ufl.edu).

Future Event Sponsors	
<u>Homecoming BBQ</u> Fall 2012 James A. Cummings	<u>Construction Management Team</u> Spring 2012 Balfour Beatty
<u>Graduation Dinner</u> Spring 2012 Clark Construction	<u>LEED Competition Team</u> Spring 2012 DPR Construction
<u>BIM Competition Team</u> Spring 2012 Turner Construction	<u>NAHB Competition Team</u> Spring 2012 Coastal Construction

Previous Two Year's Sponsors

Special thanks to our past event sponsors.

Commercial Team
(1998 - present) Balfour Beatty

Design-Build Team
(2002-present) Haskell Company

Heavy/Civil Team
(2006-present) Nelson Construction

ABC Competition Team
Spring 2009-ANF Group and Florida Gulf Coast Chapter of ABC
Spring 2010-ANF Group, Tri-City Electric Co., Lotspeich Co. of Florida, William R. Nash, Inc., and Florida Gulf Coast Chapter of ABC
Spring 2011-ANF Group and Florida Gulf Coast Chapter of ABC

NAHB Competition Team
2009 - Paul & Laura Dickert
2010 - National Housing Endowment and Paul & Laura Dickert
2011 - National Housing Endowment

LEED Competition Team
Spring 2009 - Holder Construction
Spring 2010 - James A. Cummings
Fall 2010 - Clancy & Theys
Fall 2011 - Coastal Construction

BIM Competition Team
Spring 2009 - Current Builders
Spring 2010 - Turner Construction
Spring 2011 - Turner Construction

Graduation Dinner
Spring 2009 - James A. Cummings
Fall 2009 - The Shaw Group
Fall 2010 - Clark Construction
Spring 2011 - Fluor
Fall 2011 - Balfour Beatty

Welcome Reception
Spring 2009 - Hardin Construction
Fall 2009 - Holder Construction
Spring 2010 - Brasfield & Gorrie
Spring 2011 - Hardin Construction

Homecoming BBQ
2009 - Brasfield & Gorrie
2010 - Hawkins Construction
2011 - Current Builders

BCN Newsletter
Spring 2009 - Hawkins Construction
Fall 2009 - Clancy & Theys Construction
Spring 2010 - Clark Construction
Fall 2010 - CEMEX
Spring 2011 - J. Raymond Construction
Fall 2011 - Acousti Engineering, Climate Control Mechanical Systems, Coastal Construction, and Scherer Construction of North Florida

Graduate Student Reception
Spring 2009 - Clancy & Theys

A Special Thanks goes to the Spring 2012 Newsletter Sponsors.....



The Charles R. Perry Construction Yard - Craft Awareness

Activities in the Charles Perry Yard continue to excite students and promote communication, quality, and production in the field. The fall's labs included a post-tension, CMU 'block day,' masonry 'brick day,' and steel framing lab. The post-tension trainer and basic rigging were also covered.

BCN 1001 - Introduction in Building Construction is designed to give students an overview of upper division in building construction. Each fall, Kiewit delivers heavy equipment for the students to perform activities with the equipment.



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