From the Department Chair

DEAR ALUMNI AND FRIENDS OF THE DEPARTMENT,

This past year has seen many changes on the Clemson campus. As many of you may know the university has a new President and Provost and searches continue to fill other upper level administrative positions. With the hiring of new upper administrators comes a campus-wide renewing effort to ensure our students are receiving the highest quality of education possible and our faculty and staff are provided a constructive and supportive environment in which to enhance the mission of the university. Some of the current university activities taking place are the review and update of the university 2020 strategic plan and a possible reorganization of some of the academic and administrative units on campus. In addition there are numerous renovation and new projects under construction on the Clemson campus allowing for numerous opportunities to integrate them into the instruction of many of our classes.

As for the department, no major changes have occurred over the past year. The department has, however, experienced substantial growth in the number of students in its master’s degree program. Currently there are about 150 students in the undergraduate program and 25 in the master’s degree program (an increase of about 50% over last year). In terms of major department activities, accomplishments and events during 2014 the following occurred:

• The department Heavy-Highway Construction student competition team placed first in the 2014 Associated Schools of Construction southeast regional competition
• Implemented the reorganization of the Industry Advisory Board
• Increased the number of Corporate Partners
• Planned and conducted the first Clemson University Construction Industry Career Fair
• Initiated, in collaboration with the School of Architecture, the development of a graduate certificate program in Integrated Project Delivery
• Continued work, with other academic units on campus, on the planning phase of a new high-bay facility to support educational and applied research activities.

During the fall 2015 semester a Search Committee will be organized by Dean Goodstein to seek a new Department Chair. The new Chair would begin in August 2016. The advertisement for the position will be released early in fall 2015 semester. I am bringing this to everyone's attention for the purpose of encouraging your recommendations for a new Chair. Once the advertisement has been approved and made public it will be sent to you by email and if, at that time you have any recommendations, I encourage you to send them to the Chair of the Search Committee whose name will be in the job advertisement. Or if you feel you are qualified and interested in the position please apply for it following the directions in the job advertisement. We may also be searching for a lecturer position at the same time, and if we do, you will also be notified.

Besides the activities listed above, our faculty, students and staff continue to be engaged in a wide range of activities as highlighted in this edition of the Forum. In addition, our Industry Advisory Board and Corporate Partners remain very active with various activities and events taking place over this academic year. Finally, I would be remiss if I did not also continue to recognize all of you who continue to help to enhance the quality of education our students receive through your generous donations. Your continuing support and participation serve as a strong foundation for the success of our students, and we are forever grateful. Hope your 2015 is productive, fun and safe.

Roger W. Liska
Chair and Professor
Roger W. Liska, Ed.D., FAIC, CPC, FCIOB, PE

Dr. Liska’s teaching responsibilities this academic year include CSM 4500 – Construction Internship, PDBE 8100 – Contemporary Issues and CSM 8810 – Personal and Professional Leadership. Besides performing his responsibilities as department chair, he continues to serve as director of the Center for the Improvement of Construction Management and Processes and coordinates the department’s internship portfolio requirement. In terms of research, Dr. Liska is conducting a pilot test with six of the department’s Corporate Partners on the implementation of the Construction Best Practice Guides developed by the department faculty.

During the past year, Dr. Liska has been very active as secretary of the American Institute of Constructors Constructor Certification Commission. He also continued to serve as the department’s representative to the American Council for Construction Education (ACCE) and is its representative to similar accreditation agencies in Canada, China and England. In addition, he chaired an accreditation team to Wentworth University’s master’s degree program and will be chairing a visiting team to the construction management program at Arizona State University in the spring. Finally, Dr. Liska continues to serve on a U.S. Government taskforce to develop a professional job career series for “Construction Managers.” His email address is riggor@clemson.edu.

Deborah Anthony

Deborah continues to serve as the department administrator. She interacts with students, faculty, alumni, parents, and friends of the department to help with concerns or questions. She also serves as the office manager by working closely with other college and university units to monitor the department’s financial situation. Deborah took several of the department’s students to staff a department exhibit at the 2014 CEFGA Career Expo and Skills USA Event held in Atlanta, GA in March, 2014.

Working with the students is always a challenging but rewarding experience. Starting with freshman and transfer orientation, then registering for classes, and finally graduating, Deborah is involved with all aspects of the four-year matriculation. She also enjoys hearing from alumni once they have completed the program. Deborah’s email address is adebora@clemson.edu.

Dennis Bausman, Ph.D., FAIC, CPC

Dr. Bausman remains active in the CSM undergraduate program and graduate programs for both MCSM and the Master in Real Estate Development (MRED). In addition, Dr. Bausman continues his role as the Construction Science and Management Endowed Faculty Chair.

This past year Dennis authored or co-authored papers on the ‘Development of a Professional Services Management Training Program’ and ‘Best Practices for Procurement and Management of Professional Services Contracts’. The first paper was published in the Transportation Research Record, a Journal of the Transportation Research Board and the second in the Journal of Professional Issues in Engineering Education and Practice. In addition, Dr. Bausman recently co-authored a paper titled “Analysis of Green Building Initiatives on U.S. University Campuses” that was accepted for publication in The American Professional Constructor, the Journal of the American Institute of Constructors.

During the past two years Dr. Bausman, in collaboration with Dr. Chowdhury from Civil continues >
Engineering, completed a research project for the South Carolina Department of Transportation (SCDOT) on Professional Services Contract Manager Development and Certification. In January, 2014 Dr. Bausman and Dr. Chowdhury were awarded the next phase of this program which is a $380,000 research project to identify online training best practices and development of an online training program for SCDOT’s contracting officers and program managers for professional services consultants. Dr. Bausman continues his responsibilities as a member of the Board of Governors for the Constructor Certification Commission and was elected its Treasurer. Dr. Bausman remains on the peer review Boards for the American Institute of Constructors, the International Journal of Construction Education and Research, the Associated Schools of Construction, and on the Board of Reviewers for the Construction Industry Institute. He also chairs the department’s Tenure, Promotion & Reappointment Committee, represents the department on College AAH’s Research Committee, serves as a number of MCSM graduate committees and chaired the committee for a recent graduate of the PDBE Doctoral Program. Dr. Bausman also continues his service as a neutral for the American Arbitration Association. Dr. Bausman’s email address is dennisb@clemson.edu.

Shima N. Clarke, Ph.D., AIC, PE

Dr. Clarke was named the CSM Department Graduate Program Coordinator in June 2014. Her responsibilities in this administrative position include representing the CSM Department graduate program to College of AAH and University entities as well as outside university constituents.

During the 2013-2014 academic year Dr. Clarke taught the Structures courses, CSM 2010 and CSM 2020, and CSM 4980- Current Topics in Construction (student competition class) at the undergraduate level. At the graduate level, she taught CSM 8520-Construction Management Research and CSM 8890-Special Problems. So with help from industry representatives and the CSM faculty, she prepared and coached a team of seven CSM students to compete in the 2014 ASC/AGC Region II Heavy/Civil Student Competition which took place from October 30 – 31 in Greensboro, NC. The team won First Place and Best Presentation. She also coached one ARCH and three CSM students to compete in the 2014 DBIA Phase One (Southeast Region) student competition; the team placed second.

In terms of research, Dr. Clarke co-authored a paper, “Municipalities Possible Use of 100% Recycled Asphalt,” which was published in the International Proceedings of the 2014 Construction Research Congress (CRC 2014), The Construction Institute of the American Society of Civil Engineers (ASCE). This paper was also presented at the CRC 2014 Conference in Atlanta, GA on May 19-21, 2014. In terms of service, Dr. Clarke was appointed as the CSM Department representative to the American Council for Construction Education (ACCE) and serves on ACCE’s Guidance Committee. She served as Chair of the CSM Tenure, Promotion and Reappointment (TPR) Taskforce; the Taskforce completed a major revision to the TPR Guidelines in the CSM Bylaws. She also served as an external reviewer for two faculty tenure and promotion candidates, continued to serve on the review board for the ASC Proceedings and the AIC Journal, and also served as the faculty advisor for the DBIA Student Chapter. Dr. Clarke’s e-mail address is shimac@clemson.edu.

Joe Burgett, Ph.D., CPC

This is Dr. Burgett’s second year as a tenure-track assistant professor with the CSM department. He continues to teach CSM3040 Environmental Systems 1 and CSM3050 Environmental Systems 2 as well as serves as chair for several graduate student committees. Last Spring, he was the faculty advisor for the Department of Energy’s Challenge Home Student Design Competition where the team won a subject matter expert award in lighting and appliances. He also continues to be the faculty advisor to the AGC student chapter. Dr. Burgett presented two papers at nationally recognized conferences related to construction pedagogy and the use of energy modeling to priorities energy reduction strategies. He is currently working on two funded research projects. The first project is in collaboration with Clemson University’s Statistics Department to improve the way that residential home energy use is modeled as a first step to improve the HERS index. The second project is a pedagogical study where computer simulation is being used to teach building codes. Specifically, Dr. Burgett is working with a private company to develop a 3D virtual construction site where students can navigate the project and identify violations to the National Electrical Code. Finally, Dr. Burgett became a Certified Professional Constructor. Dr. Burgett’s email address is jmburg@clemson.edu.
Jason Lucas, Ph.D.

Dr. Lucas is a tenure track assistant professor in Construction Science and Management. His teaching responsibilities during the year included CSM 2030, Materials and Methods of Construction I, in the fall and CSM 1500, Construction Problem Solving, in the spring. Over the past year, Dr. Lucas has also continued to include, as part of the curriculum, the OSHA 1926 Construction Standards. At the end of the semester, students who complete all the requirements receive their OSHA 30 hour certification card. Last year, Mr. DeVita collaborated with Dr. Clarke on the revision of the Construction Best Practice Guide – Construction Company and Project Safety. This Guide was developed to be a “road map” to help guide companies in the development, implementation and growth of an effective safety culture and management system. As owner and President of Carolina Safety Consultants (CSC) located in Greenville, SC, Mr. De Vita continues to develop strategic partnerships with employment agencies, other safety professionals and human resource consultants to be able to provide the best overall safety and health services to clients. You can contact Mr. DeVita at ddevita@csc-llc.net.

Christine A. Piper, Ph.D.

Dr. Piper completed the Modular Building Institute’s (MBI) training program: “Introduction to Modular Construction” which consists of a training book and examinations. The examinations are currently under review and the chapters are in press at the Modular Building Institute’s headquarters in Virginia. Based on her work with MBI, she became a member of the National Institute of Building Sciences Off-Site Construction Council that deals with issues and research related to off-site (modular and pre-fab) construction.

After a few years of effort, Dr. Piper has finally managed to make Primavera P6 scheduling software accessible to CSM students via cloud computing. She worked with Clemson’s CCIT group to bring one of the first applications of cloud computing as a pilot test project to fruition at Clemson. The graduate students in CSM 8630 – Advanced Scheduling are accessing Primavera P6 remotely via the cloud. This means that the software is no longer loaded on the student’s individual computers which caused a lot of compatibility problems with hardware and software. So far the pilot test continues >
J. Tony Wintz, J.D., PE

Mr. Wintz is a Senior Lecturer in the CSM Department and is in his tenth year on the faculty. He has taught numerous CSM courses, including Introduction to Construction, Construction Problem Solving, Materials and Methods of Construction I & II, Soils & Foundations, Structures I, Estimating I & II, Contract Documents and a joint undergraduate/graduate course on Adversarial Relations in Construction. Mr. Wintz has also acted as an inter-departmental faculty reviewer for architectural students in their studio design courses.

Mr. Wintz served as the CSM representative to the CAAH Curriculum Committee for three years, and served on the CAAH Research Committee and the CAAH Technology Stream Committee. He also served as faculty advisor for the ABC Student Chapter. As a member of several codes and standards writing organizations, including ASCE and ASTM, Mr. Wintz has reviewed articles for AIC's journal, The Professional Constructor, as well as being a reviewer for technical papers for ASC conferences. Mr. Wintz can be reached at: jwintz@clemson.edu.

James Smith, Ph.D.

Dr. Smith is in his second year at Clemson University and continues to teach CSM 3510 and CSM 3530 – Construction Estimating 1 and 2. He is currently working on a research project with industry partners to update the estimating curriculum to ensure appropriate and necessary subjects and skills are being introduced and discussed in the courses. He continues to serve as the faculty advisor for the ABC student chapter and recently coached the Clemson team at ABC’s national Construction Management Competition in Miami, Florida.

Dr. Smith presented his work on trust-building within the construction project team during the 22nd Annual Conference of the International Group for Lean Construction held in Oslo, Norway, during the summer of 2014. He continues to develop his overall research agenda with current projects relating to interdisciplinary classrooms, trust-building methodology, and lean construction. In addition to acting as a reviewer for The American Professional Constructor and for the proceedings of the IGLC conference previously mentioned, Dr. Smith joined the ASC Research Committee. He also became “CONCERT” certified by Clemson University which will allow him to develop on-line courses for the department in the future. Dr. Smith's email address is jps7@clemson.edu.
Industry Department Awards

THE DEPARTMENT WILL PRESENT ITS TWO NEW INDUSTRY AWARDS at its spring Industry Advisory Board meeting on February 18, 2015, along with recognizing the 2015 department student award winners.

Distinguished Alumnus Award

The Distinguished Alumnus Award is given annually to an alumnus of Clemson University’s Department of Construction Science and Management who graduated a minimum of 10 years prior to the award. Nominees must have distinguished themselves since graduation in a construction field and have demonstrated consistent support of the CSM department since graduation. The 2015 winner is Paul Mashburn.

PAUL MASHBURN—Paul graduated from Clemson University with a Bachelor of Science in Building Science and Management in 1991. Following graduation Paul joined Mashburn and was promoted to Director of Integrated Services shortly thereafter. In 2004, he moved into executive leadership as Vice President. He was named President and Chief Operating Officer in 2010. Paul’s strengths are his managerial skills and depth of experience and his ability to view the job from many perspectives including the field employees, superintendent, designer and owner.

Since graduation Paul has been active in many civic and construction organizations and has served in leadership positions in some. These include serving on the Associated General Contractors of America Carolinas Chapter Board of Directors, Commercial Design Review Board for the Town of Mount Pleasant, Charleston Chamber of Commerce Board of Directors, Past Chairman Columbia Rotary Club, and former President of the Columbia Contractors Association. Paul currently is a member of the Charleston Contractors Association and serves on the Board of Trustees of the Clemson Architectural Foundation and the CSM Industry Advisory Board Executive Committee. Finally his company has and continues to help fund various department projects, hires the department’s interns and permanent employees and is a Corporate Partner.

Overseas Activities

Jesica Galloway and Devin Scheuerl, CSM juniors, studied at the University of South Australia during the 2014 fall semester. While in Australia, they traveled to many parts of the country and made many new friends.

Jordan Jeffcoat, Shannon Consolo and Jordan Hyrne, also juniors, will spend 2015 spring semester at Leeds Beckett University in Leeds, UK.
Construction Hall of Fame Award

The Construction Hall of Fame Award recognizes the accomplishments of those who have distinguished themselves throughout their careers in construction. Nominees must be recognized for their contributions to construction of quality facilities and have the esteem of their peers, be currently active in their profession, have served in leadership positions in construction industry organizations, have been active in their community and have supported the CSM department. He or she need not be a graduate of the CSM department. The 2015 award recipient is Terry Coakley.

Terry Coakley is the co-owner and Chief Executive Officer of Coakley & Williams Construction, Inc. He is responsible for the general oversight and the direction of the firm, with a direct focus on business development, marketing, and interior construction. Terry joined the firm in 1974 and has been involved in the construction and renovation of hundreds of commercial, government, and institutional projects throughout the United States. Many of these regional and national projects have been recognized with awards from the Design-Build Institute of America (DBIA), American Institute of Architects (AIA), National Association of Industrial Office Parks (NAIOP), Washington Building Congress (WBC), Associated Builders & Contractors (ABC), and The Masonry Institute.

Terry is a recognized leader in the construction industry and in the Washington DC community. Among his current leadership positions, Mr. Coakley serves on the Board of Advisors for the East Carolina University Construction Management Program. In addition, Terry is involved with and actively supports Clemson University, his alma mater, serving on Clemson University’s Industry Advisory Board for the Construction Science and Management Program and the Advisory Board for Clemson Club of Baltimore / Washington DC. In previous positions, Terry has served as a Past Member for the School-Wide Advisory Board for the School of Industry and Technology at East Carolina University, the Board of Advisors for Evergreen Capital, the Board of Advisors and Executive Committee for the Collins Foundation, and the Board of Directors of Archbishop Carroll High School. He is a Past President of the Collins Foundation and Past Member of the Board of Trustees for the Academy of the Holy Cross.

In terms of continuing support for the CSM Department, besides serving of the Industry Advisory Board, Terry’s company is a Corporate Partner and donated funds to help the renovation of Lee Hall. In addition, he has hired both graduates and interns from the department and lead the effort to develop a unique internship for one of the students who spent the summer with an architect, contractor and developed to learn the importance and process of collaboration among the disciplines in the built environment. Finally his company participates in the university’s career fairs and Terry has served as a guest speaker in various CSM classes.

Loss of Family Members

During this past year two of the department’s family passed away - Professor Francis Eubanks and Junior Kenny Davis.

Francis M. Eubanks, Jr. passed away on September 29, 2014. He served as a professor in the CSM department for many years. He taught various subjects including structures, materials and methods, soils and foundations and others. During his tenure in the department he was actively involved as faculty advisor of the NAHB Student Chapter. In 2001 he received the NAHB Educator of the Year Award. He prepared and coached many student NAHB competition teams, some of which placed in the top ten. Francis also led the department in participating in many university service projects with many of his students including the construction of an outdoor learning facility for the agriculture college.

Kenny Davis, a junior in the CSM department, unexpectedly passed away this past summer. Kenny was an active student in the department participating in the Department of Energy’s Challenge Home Student Design Competition and held an officer position in the ABC student chapter just to name a few. Kenny was seasoned in the construction industry and in many ways was a mentor to his classmates. Perhaps what he is known for best is his sense of humor. Kenny had a great way of making you laugh (students and faculty alike) while still “getting it done.” Kenny was awarded his Bachelor of Science Degree posthumously at the 2014 summer graduation ceremony.
Fall 2014 was a great semester for the **ABC Student Chapter**. The first fall semester activity was a jobsite visit to the Ravenel Center renovation project. The next activity was a jointly sponsored with the DBIA Student Chapter. Brian King of AM King presented information about his company along with providing some recommendations on how to be successful in the construction industry. In terms of a service project, some of the chapter members participated with representatives of ReWiGo Ministries in the repair of a deck and construction of a wheelchair ramp for an elderly lady who was housebound. Other activities of the chapter included participating in the ABC of the Carolinas Upstate Cornhole Social in Greenville, SC and working at the ABC of the Carolinas Excellence in Construction Awards Event in Charlotte, NC.

As for spring semester, the chapter members will be visiting the Watt Innovation Center construction jobsite, participate in another service project for ReWiGo Ministries, have at least one guest speaker and continue to attend as many ABC of the Carolinas events as possible.
Activities

Sigma Lambda Chi

Four new members were installed in Sigma Lambda Chi (National Construction Honorary Society) in February 2014: Jonathan Thompson, Ross Talbot, Dr. Joe Burgett and Dr. Jason Lucas. And in December, 2014, the following students were inducted: Will Macinnis, George Fisher, Daniel Rebula, Thomas Collins and Jesica Galloway.

Several of these students committed many service hours to the CSM department including participating in the annual Habitat for Humanity Homecoming Build on Bowman Field.

Clemson University Construction Women

During fall semester, Chris Brousaards, Blake Stancil and Robin Mackinnon from Thompson-Turner conducted an information night and Kristen Walker from Clemson University’s Michelin Career Center made a presentation on how to interview and “dress to impress.” During spring semester the CUCW is planning to sponsor a managing your money seminar and sponsor a luncheon with a guest speaker – Tanya Matthews, President of TMG Construction Corporation located in Virginia. In the spring of 2015 Jesica Galloway will serve as president and Taylor Bousquet, as vice president of the chapter.

National Association of Home Builders Student Chapter

During fall semester Nick Campbell, Director of Sales at Greenville Building Supply made a presentation about the building supply aspect of construction. The student chapter members also met several times with Michael Dey who is head of the HBA in Greenville and discussed the differences in home building and housing economics between generations. During spring semester the first student chapter activity is participation in the NAHB Residential Construction Management Competition being held in Las Vegas, NE. The competition team members worked on their proposal during fall semester and are excited to represent Clemson and the CSM program in Vegas. In addition, during spring semester the chapter members will conduct a service project with either Paris Mountain State Park or with The Wounded Warriors Foundation. Finally the chapter will have a speaker to talk about residential building.

Design-Build Institute of America Student Chapter

During fall semester the DBIA Student Chapter’s first activity was a joint-presentation with the ABC Student Chapter by Brian King with AM King Construction out of Charlotte, NC. In addition, contact was made with Purple Heart Homes, which is an organization that helps disabled veterans with home modifications to accommodate their disabilities, to discuss a possible project to construct. This effort will carry over into spring semester. In addition to a service project for spring semester, the chapter will make an attempt to attract more architecture students as members. With more architecture students, the chapter will be able to host a mock Design-Build Competition. In addition, current chapter members have expressed interest in having a BIM workshop during spring semester. The DBIA Officers for fall semester were Briggs Dorn (secretary), Jordan Jeffcoat (president), Clayton Cheek (treasurer) and Shannon Consolo (vice president).

Because Jordan and Shannon are studying in Leeds, UK in the spring semester, Briggs Dorn will be the chapter president and Clayton Cheek the vice-president.

Left to right: Dr. Joe Burgett, Dr. Jason Lucas, Ross Talbot and Jonathan Thompson.
Department Student Advisory Committee

The Department Student Advisory Committee is comprised of the officers of the Constructors Guild, the presidents of the construction association student chapters and representatives of the four class-year levels and the graduate program. The committee meets with Dr. Liska on a monthly basis to plan future department student activities and to review and provide feedback on how to ensure that students are receiving the highest quality education possible. Some of the events the committee is involved in are the planning and delivery of construction professional education programs for the students, organizing field trips, and planning and conducting the department’s annual students/faculty/constructor golf tournament.


23rd Annual CSM Golf Tournament

The Construction Science and Management department held its 23rd student/faculty/contractor Golf Tournament at Green Valley Country Club in Greenville, South Carolina on October 10, 2014. The tournament was one of the largest yet with 107 golfers thanks to the help of the CSM Alumni Association. With the help of 13 tournament sponsors and corporate partners, the tournament raised over $11,600 to support department activities.

Sponsors donated to the tournament at four different levels: Platinum, Gold, Silver and Bronze. Sponsors received up to four free tickets, hole sponsorships, table sponsorships, signage around the course and more. Companies that sponsored the event at these levels are as follows: Platinum – Brasfield & Gorrie, Holder, KBR, Turner, H.G. Reynolds, Eldeco, and ARC Document Solutions; Gold – Carolina Search Group, Thompson Construction, and Richardson Plowden Attorneys at Law; Silver – Skanska.

Following the golf tournament, a dinner was served and First through Third prizes were awarded along with prizes for Longest Drive and Closest-to-the-Pin. Small prizes and a Yeti cooler, sponsored by Cely Construction, were also raffled off. The department and Guild would like to thank our Alumni Association, generous sponsors and players for making this year’s tournament possible, and we hope to see everyone back next year!

Habitat for Humanity 2014
Students Take Field Trip to Fluor Daniel Project

On September 9, 2014, 20 CSM students participated in the Fluor Construction Week at the Baxter pharmaceutical plant in Social Circle, Georgia. Students had an in-depth tour of the one billion dollar, one million square foot project site by bus. Key project managers explained site logistics such as feeding workers, locating parking areas and concrete batch plants, mobilizing equipment and materials, etc. Following the site tours students participated in a working lunch with Fluor and major subcontractors. These were live, working sessions with contractors explaining their role at Baxter-Program Covington and potential career opportunities with their firms. Following the working lunch, students participated in a casual mini-career fair that allowed them to network and talk with several contractors that had some exciting contracts coming up like the Atlanta Falcons and Braves stadium projects.

CSM Student Participates in Unique Internship

In 2013, a group of Washington, DC Clemson University alumni from the Colleges of AAH and Engineering and Sciences developed a unique multi-disciplinary student internship opportunity for students in the School of Architecture and CSM Department.

Terry Coakley, a member of the CSM Industry Advisory Board, took the lead in making this opportunity come to fruition. The program, entitled — The Geordan Harris Summer Internship Program – provides the opportunity for the selected students to obtain a paid internship to work for three different companies working in the built-environment over the summer of 2014 so as to become more knowledgeable of the importance of collaboration among the various parties in the development-design-construction process. Shannon Consolo, a CSM major, was selected to participate in the first such experience. Noted below is Shannon’s description of her rewarding experience:

During this internship I had the opportunity to work at three different companies: RTKL, an architecture firm, Coakley & Williams Construction, a general contractor, and JBG, a development firm all located in the Washington, DC area. This experience allowed me to see the industry from different points of view and obtain a more well-rounded understanding of the industry as a whole. While at RTKL, I worked helping to put together sets of construction documents. I also got the chance to work on ongoing projects, attending progress meetings and reviewing and answering RFI’s. While I worked at Coakley & Williams, I got to experience working with the estimating team as well as visiting and working on jobsites. During my time at JBG, I shadowed construction managers on multiple jobsites.

During the summer of 2015, the multi-disciplinary paid internship will be available to two students.

NAWIC award winners

CSM Women students receiving the $1600 scholarship from NAWIC’s Greenville, SC Chapter. Stephanie Walters (top picture) and Taylor Bousquet (bottom picture) are shown receiving a check from Angie Carr, scholarship chairperson.
ASC Regional Student Competition

CSM Department participated in the 2014 ASC/AGC Region II Heavy/Civil Student Competition in Greensboro, NC on October 30–31. Our Team coached by Dr. Clarke, won First Place and the Best Presentation award. In the 9 years that Kiewit has been sponsoring this competition, this team was the first team to have a perfect score in presentation. The other competing teams were University of Florida, Virginia Tech, Auburn University, Southern Polytechnic State University, and Georgia Southern University. The project was a railroad bridge replacement project located on the CSXT Canton Branch in Baltimore, MD. The bridge overpassed four active Amtrak lines and a corridor owned by Norfolk Southern Corporation. The additional challenge was that the demolition of the existing steel truss bridge and the construction of the new steel bridge as well as raising the new bridge by 13 inches had to be done in a 40 hour window on a tight site. Our team was the only team that picked a crane that did not tip when lifting and placing the new bridge in place as well as having the best plan for the project.

ABC National Student Competition

The 2014 ABC Construction Management Competition held in Miami, FL, was based on an actual RFP for a medical facility that is currently under construction in Boca Raton, FL. Student teams from across the country developed proposals that included a detailed estimate, schedule, safety plan, quality control plan and project management plan. The Clemson University team’s proposal fell just outside the short list, but team members agreed that being required to bring together the various curriculum courses into one project was very beneficial in preparing them for the industry. Students also participated in the associated career fair which gave them exposure to a wide variety of national and international companies and unique opportunities. We are looking forward to continuing to build on the team’s efforts in preparation for next year’s competition. The student team’s participation and experience were made possible by generous support from ABC of the Carolinas, the Department of Construction Science and Management and our Industry Advisory Board, and the Clemson Architectural Foundation. This year’s team was made up of four seniors, Cody Beals, Sam Sandifer, Justin Martin, and Pennington Nieri, and two juniors, Brendan Gilbert, and Jonathan Mace.
During the last part of spring 2014 semester Clemson University competed in the Department of Energy’s Challenge Home Student Design Competition. Students from CSM and Architecture worked together to create a completely unique design for a zero net energy ready home in the Greenville area. The home was a seamless blend of energy performance and contemporary style. The competition judges made several comments on how market-ready it was. The team competed against teams from across the country and won a subject matter expert award in lighting and appliances.

From Left to Right: Shawn Backstrom, Jared Cumbee, Kenny Davis, and Chris Halley. Team members not shown: Brandon Jones, Brandon Smith, and Corey Ferguson.
Center for the Improvement of Construction Management and Processes

The work of the Center for the Improvement of Construction Management and Processes continues to prosper. The Center is currently completing its next Guide on Employee Performance Evaluation. It is expected to be completed by June 2015. The Center sells the guides, the proceeds from which are used to support the continuing development of new guides.

The Center for the Improvement of Construction Management and Processes continues to seek applied research and professional development opportunities. The Center is staffed with qualified individuals, including the department faculty, who are ready to work with you or your company to help improve project or organization performance. These services include evaluating existing processes and recommending improvements, conducting applied research projects, and developing and/or delivering continuing education short courses. If you are interested in finding solutions to problems through applied research or continuing education courses, please contact Roger Liska. Also please refer to the center’s website at www.cicmp.org.

Industry Advisory Board Activities

The Industry Advisory Board met in October 2014 and will be meeting again in February 2015 on the Clemson University campus. All IAB meetings are held the same day as the University Construction Industry Career Fairs. Some of the key accomplishments of the Board this past year were:

• Election of Chris Woods as Secretary and Jay Davis as the Chair of the IAB Development Committee. Both will also serve on the IAB Executive Committee.
• Installation of a CSM News-Share Monitor in Lee Hall
• Award of the first annual CSM Faculty IAB Research Award to Dr. Joe Burgett
• Development of a Capstone Team Award Program
• Enhancement of the CSM Alumni website
• Creation of regional alumni groups
• Conducted a graduating senior recognition event
• Participated in the planning stages for the proposed new Architecture/CSM high-bay facility.

Membership on the IAB is opened to all individuals interested in supporting the CSM department. To join the IAB please go to the CSM Department website (www.clemson.edu/caah/csm) and enter “Make A Gift” page. And on that page access the IAB Operating Account site. The minimum annual donation to become an IAB member is $100 and $25 a year for the first three years following graduation for recent graduates of the CSM undergraduate and graduate programs. On a quarterly basis the list of IAB members in good standing will be published on the CSM website.

The IAB is led by an Executive Committee consisting of the following individuals and their role:

Doug Hunter, IAB Chair
Laurie Robbins, IAB Vice Chair
Chris Woods, IAB Secretary
Stephen Foushee, Chair, IAB Alumni Development Committee
Kenny Garner, Chair, IAB Curriculum Committee
James Britton, Chair, IAB Facilities Committee
Jay Davis, Chair, IAB Development Committee
Bill Caldwell, Corporate Partner Representative
Chris Moore, ABC Representative
Paul Mashburn, AGC Representative
Todd Usher, NAHB Representative
Clemson's CSM Corporate Partners is a group of leading construction industry firms who, collectively, are dedicated to "raise the bar" of the educational experience of the students at Clemson. Representatives from each member firm work hand in hand with the school's faculty and staff to ensure that Clemson's construction science and management students obtain the best industry education and have the opportunity to become solid candidates for employment upon graduation.

By spending time with the students and faculty, developing creative ideas, sharing their real life industry experiences in the classroom, and contributing their financial resources to the program, Clemson's CSM Corporate Partners stand tall in building the foundation for the future of the industry. The Corporate Partners' commitment to enhancing the student's educational experience is making a positive difference to the overall growth and enhancement of the construction science and management learning experience at Clemson. A list of current Corporate Partners are noted below.

For more information on becoming a Corporate Partner, please call or email Roger Liska at 864-656-3878 (riggor@clemson.edu) or Bill Caldwell (who serves as the Corporate Partner representative on the Industry Advisory Board Executive Committee) at 864-578-7252 (bcaldwell@waldropoinc.com).

Current Corporate Partners and Representatives:

Balfour & Beatty, Charlotte, NC – Pat Dean
Brasfield & Gorrie, Kennesaw, GA – Mike Foushee
CCC Group, Columbia, SC – Christopher Bowers
China Construction American of SC, Columbia, SC – Pei Tang
Choate Construction Co., Atlanta, GA – Chip Wright
Coakley & Williams Construction Inc., Bethesda, MD – Terry Coakley
Eldeco Inc., Greenville, SC – Allen McKinney
Fairview Builders LLC, Travelers Rest, SC – Chris Hamblen
Fluor Corp., Greenville, SC – Kenny Garner
Gilbane Building Co., Columbia, SC – Will Ligon
Gray Construction Co., Lexington, KY – Benjamin Bowzer
HITT Construction, North Charleston, SC – Carson Knizerski
Holder Construction Co., Atlanta, GA – Doug Hunter
JE Dunn Construction Company, Atlanta, GA – Brad Stolz
Juneau Construction Co., Atlanta, GA – Eric Kerley
Mashburn Construction, Columbia, SC – Paul Mashburn
Metromont, Greenville, SC – Steve Babcock
MetroPower Inc., Greer, SC – Chris Moore
Moss & Associates, Greenville, SC – Steve Foushee
Patuxent Co., Crofton, MD – Skip Gardiner
Patuxent Co., Crofton, MD – Kendall Fowler
Rodgers Builders, Charlotte, NC – Diego Montes
Skanska USA Building, Durham, NC – Bob Ferguson
T.D. Farrell Construction Company, Alpharetta, GA – Tim Farrell
The Whiting-Turner Contracting Co., Charlotte, NC – Chris Woods
Thompson Construction Group Inc., Sumter, SC – Janice Poplin
Trident Construction, Charleston, SC – Todd Bulwinkle
Walbridge, Charlotte, NC – Steve Helms
Waldrop Mechanical Services, Spartanburg, SC – Bill Caldwell
WBG Mechanical Contractors & Engineers, Columbia, SC – Carroll Heyward
We invite everyone to visit the new CU CSM Alumni and Supporters website (http://cucsmalumns.wix.com/cu-csm-alumni). This website serves as a link for alumni and supporters to stay actively involved and engaged in the activities of the department. It is also used as a tool to communicate how alumni and supporters can assist the CSM program.

We hope to collect contact information for alumni and supporters as well through this website. As everyone is aware, success in the construction industry often relies on the quality of one’s personal network. The same goes for the success of the CSM department. To have a bright future, open dialogue with our alumni and supporters is a must. If you are interested in receiving updates about the CSM department, you are encouraged to complete the “stay in-touch” section of the website. Additionally, a “Jobs” page has been added to the site. If you are searching for a new position, or if you wish to post an opening navigate this new page for instructions. The department is embarking on some exciting new endeavors in the coming year, and we look forward to keeping you attuned to what is to come.

The department has many opportunities in which to involve our alumni as noted in the list below:

1. Serve as a guest speaker
2. Become a member of the Industry Advisory Board
3. Encourage current employer to become a Corporate Partner
4. Commit to making an annual donation to the department
5. Host a field trip to company construction project
6. Encourage current company to hire interns for the summer
7. Encourage current employer to hire graduates
8. Volunteer to serve as a local alumni leader
9. Provide news about yourself for the department’s annual newsletter

If you are interested in getting more involved with the department and its activities and events, please send an email to Roger Liska (riggor@clemson.edu) letting him know of your specific interests. If you are not already doing so, making a manageable annual donation to the Clemson University Foundation would be very helpful. A link to “Giving to CSM” can be found on the Alumni page. While the department would like to suggest a minimum annual donation of $50 per year, any amount will help offset possible future budget cuts.

CSM Alumni Group Identify Regional Representatives

The CSM Alumni and Supporters Group is excited to announce the establishment of its Regional Representatives. Our current Regional Reps span from east to west coast, ranging from the first CSM graduating class of 1969 to the most recent class of 2013. The objective of the Regional Reps is to engage CSM Alumni and Supporters near their area. Engagement of Alumni and Supporters will be specific to a particular area and may include golf outings, Clemson sports viewing parties, and other types of events meant to connect our supporters. Please check out the CSM Alumni and Supporters website for a Regional Rep nearest you, along with upcoming events to be hosted near your area. If you do not have a Regional Rep located near you, please see instructions on the website regarding how you can volunteer.

Alumni Update

Since the publication of the last edition of the department newsletter, we have received the following updates from some of our alumni. If you would like to alumni share information about what you have been doing since graduation, please email a short article about yourself for inclusion in the next newsletter to Roger Liska.

Bill Beauchene 1968 – Bill has been Owner and President of Atrium Builders, Inc. since its start in 1992. His company constructs commercial projects and has the able assistance of (3) family members in the company.

Nicholaus Castro 2012 – Upon graduation Nicholaus went to work for Fluor Construction. He recently accepted a position with Burns & McDonnell in Houston, TX. In his current position he prepares proposals for the company’s Construction Design Build group.

M. Alan Chandler Jr. 1997 – Alan serves as Senior Vice President, Business Development for Doster Construction Company, Inc. Alan is married to Jennifer Chandler and they have 9 year old twins, Mac and Emy. The family lives in Birmingham, AL.
Jay Davis 2006 – Jay recently got married to Brittain Hinkson (Clemson Health Sciences grad 2005) in Charleston, SC. He and his wife currently reside in Atlanta, GA where Jay works at Brasfield & Gorrie and his wife is a Physician Assistant in Neurology at Emory Hospital.

Steven Foushee 2005 – Steve was one of ten alumni named to the Clemson University Young Alumni Council for 2014. These alumni have made an impact in business, leadership, community, educational and/or philanthropic endeavors, while exemplifying Clemson’s core values of honesty, integrity and respect. Steve is a project manager for Moss & Associates, a construction management firm in Greenville. He is the youngest of only seven registered Design-Build Institute of America professionals in the state. A volunteer with the U.S. Green Building Council’s South Carolina chapter, he was in charge of education and outreach for green building initiatives. He is a member of Clemson’s Construction Science Management Industry Advisory Board.

Keaton Green 2008 – Upon graduating from Clemson Keaton was hired by Holder Construction in Atlanta, Georgia. After spending approximately one year in the Preconstruction Department, Keaton transitioned into Operations where he spent the next four years on several projects throughout US and Canada. Deciding to move closer to family and friends, Keaton accepted the position of Branch Director at a Charleston based General Contractor, Frampton Construction where is now a partner of the firm. Keaton is responsible for many of the company’s processes & procedures specifically on the operations side. Keaton is engaged to Allison Sanders, whom is also a Clemson graduate. They are scheduled to be married next May in Charleston. Keaton enjoys golf and watching his Clemson Tigers on Saturdays.

Todd Holder 1993 – Todd is President of KB Home Northeast Florida Division. He has been with been with the company for 6 years. He has been married to Lisa for 20 years. They have a daughter Megan (16 years old) and a son Mason (14 years old). They currently reside in Saint Johns, FL.

Leslie Loper 1986 – Leslie legally changed her name to Les Hanna Harper to honor both grandfathers she lost to cancer. After twenty five years in commercial construction project management she has met her architecture career goal of being a project manager on commercial facilities of up to $52 million in volume. She has served as President of the state architects, engineers and environmentalists and was Hampton County Administrator. She is now retired and resides in Columbia, S.C.

Steve Player 1969 - Steve will soon be retiring from the Wooten Company, as Project Development Manager, after 45 plus years in construction management, planning and community development. Steve noted that he has had a very exciting career and is truly thankful that Clemson prepared me for it so well. He further stated, “Dean Harlan McClure and Professor Ralph Knowland are two people I’ll never forget.”

Kyle Potts 2006 - Kyle currently is a superintendent with Austin Commercial. He previously held the same position with Turner Construction for over 13 years. Kyle is married and has two boys and one girl.

Trey Riggan 2000 - Trey joined Jeff Lewis Architect in June 2014 as a Project Manager. He and his wife, Christina, welcomed a baby boy, Cort, in July 2014. They also have a 3-year old daughter, Caroline, and live in Camden, SC.

Consuela (Van Seters) Scott 1997 - Consuela works for Branch & Associates, a 50 year old company based out of Roanoke, VA. She works in the company’s Richmond office as their Senior Estimator. She is married to Matt Scott they have two furry kids (kittens).

Michael Spencer 1994 – Michael has been a Corporate Project Manager for SeaWorld Parks and Entertainment in Orlando Florida (the parent company of SeaWorld Orlando, San Antonio, San Diego and Busch Gardens Tampa and Williamsburg) for roughly 3 years leaving his Sr. Project Management role with Suffolk Construction in West Palm Beach for more than 10 years to join the owner’s team. In May 2013 his team completed the largest expansion in SeaWorld Orlando history, SeaWorld’s Antarctica - a new realm, ride and penguin habitat that brings Antarctica to Orlando, Florida. The project was documented on NatGeo’s Making of Antarctica.

Don Terry 1998 - Don was recently named Partner at the law firm of Steven L. Smith & Associates, PLLC. The firm name will change to Smith Terry, PLLC in January 2015. Prior to law school, Don was the President of D. R. Terry Construction Co., Inc. for almost ten years. Don’s legal practice is devoted to the construction industry. He represents contractors, subcontractors, and project owners in both state and federal courts, and has prosecuted and defended multimillion dollar claims. Don is licensed in both North Carolina and South Carolina. Don is happily married to Natalie Brown Terry (Class of 98-Nursing). Don and Natalie live in Simpsonville, SC with their four children.

Clay Tetruck 2000 – Clay works at S.W. Funk Industrial Contractors in Chester, VA as a Project Manager and Steel Division Manager. He has been with the company for four years. He previously worked for James River Iron in Richmond, VA as a Project Manager. He has been married to Krista for five years and they have a son Thomas who is two years old.

Kevin Xie 1997 – Kevin received his MCSM degree in May 1997 and worked for construction companies in the US until August 2005 when he joined Hines, a Houston based US real estate developer, and was assigned to work on its China projects as an expat Construction Manager. Since then Kevin has worked in Beijing and Shanghai of China for Hines and Tishman Speyer, another US developer, and lead the development of some large scale residential and commercial properties including recently completed Nike’s China Headquarters in Shanghai. In May 2014, Kevin joined a local developer Shanghai Kingdom Properties as Deputy General Manager to develop a commercial complex near Shanghai’s Hongqiao Airport. This large development of over one million square feet space with five buildings includes three office buildings, a Hyatt Place and a Hyatt House hotels. It’s designed by US Architectural firm WATG, and is now under construction, expected to be completed by middle of 2016. Kevin Xie lives in Shanghai with his wife Lynn, who is also a Clemson graduate and daughter Anna, a Year 10 student at Yew Chung International School. They still call Clemson home and come back to Clemson every year.
CLEMSON CAREER FAIR
Clemson University's Center for the Improvement of Construction Management & Processes (CICMP) is developing a series of 17 Construction Best Practice Guides based on a recently completed research project on benchmarking. Each best practice guide describes how to implement the respective Construction Best Practice and use the results to improve company and project performance. The first series of guides are now available from Clemson University. To place an order, complete and return this form with a check in the correct amount made payable to Clemson University to the address noted below. Call for a discount when ordering in quantities of 25 or more.

The cost is $19.95 per guide.

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