Dear Alumni, Friends and Partners of the Department

Happy Holidays! 2019 has been full of blessings, and we are very thankful for the continued support from each and every one of you. As we wrap up the year, we are especially grateful to be the Nieri Family Department of Construction Science and Management (NfCSM) due to the generous Academic Cornerstone gift from the Nieri Family (Robyn and Michael Nieri pictured right). Once vested, this $5 Million endowment will provide the recurring annual resources to employ new faculty and staff to specifically engage NfCSM undergraduate students in sustainable, on and off-site construction practices at the new NfCSM department Construction Yard. Michael Nieri has also generously committed to the purchase of our first modular Simulated Construction Field Office Laboratory (SCAFFOLD) building to be placed on the Construction Yard. Thank you to the Nieri Family for becoming Clemson’s fifth Academic Cornerstone Partner. The NfCSM department is now one of only four named departments on Clemson’s campus, and we can now claim our rightful place among the ranks of other such named construction education programs as “The Rinker School” at Florida, “The McWhorter School” at Auburn, and “The Myers-Lawson School” at Virginia Tech.

We also have many other contributors to be grateful for. Our NfCSM Corporate Partners have increased to a record number of 65 due to the hard work and joyful persistence of Ms. Leslie Armstrong, our Corporate Partner Program Coordinator. These Corporate Partners have really stepped up this year, and we are especially grateful for the leadership of Mr. Steve Foushee and Harper General Contractors for serving as our Project Manager during the development of the SCAFFOLD project. Under Steve’s persistent direction, and the monetary and in-kind gifts of many others, we expect to take occupancy of the phase one simulated field office laboratory by early February. Our NfCSM faculty and staff promise to do our very best to respond to this overwhelming generosity with increasing student numbers, and continued high-quality graduates. We will also continue to pursue distance learning opportunities for non-traditional students, and are also pleased to report the upgrading of our primary classroom in Lee Hall, Room 2-126 to facilitate state-of-the-practice, two-way audio/video and recording capabilities. These technology upgrades are expected to help us broaden our reach to greater numbers of students throughout the Carolinas, and provide opportunities for increased student engagement with you and your projects.

In closing, we are eternally grateful for all that each of you are doing to make us better. These are amazing times to be at Clemson, and the NfCSM department is especially prospering as a direct result of your continued support. Happy Holidays from our family to yours, and we hope you will come see us when in town. Also, if I can ever be of assistance in any way, please don’t hesitate to call on me. Go Tigers!

Sincerely,

N. Mike Jackson, Ph.D., P.E.
Department Chair and Professor
**The Nieri Family Department of Construction Science and Management (NfCSM)**

**Mission**

The Mission of the Nieri Family Department of Construction Science and Management (NfCSM) is to offer a comprehensive program of education, service and research activities consistent with the Mission of Clemson University and the Strategic Plan of the College of Architecture, Arts and Humanities (CAAH), for the purpose of improving the quality of the construction industry and thus the built environment.

To realize this mission, the department has the following major goals:

1. Excel in the education of NfCSM majors through a vigorous program of academic learning designed to produce motivated, well-educated, responsible citizens with the management and technical skills requisite for leadership positions in the construction industry;
2. Provide meaningful and relevant education in all construction courses for other undergraduate and graduate students at Clemson University;
3. Foster Clemson University’s service mission by providing outreach activities for the construction industry and public, both nationally and internationally; and
4. Assist in attaining Clemson University’s funded research goals by conducting and disseminating the results of research and development and/or conduct educational courses for the construction industry.

**Origins and History of the NfCSM Department**

The first courses in the undergraduate building construction program at Clemson University were offered by the School of Architecture in the 1963-64 academic year. This program was initiated in response to the demand by the South Carolina construction industry for individuals educated in the special technological and managerial skills of the construction profession. The first degrees from this initial program were awarded in May of 1966.

In 1971, the Department of Building Science became one of the original four departments of the College of Architecture. This department was a charter member of the Associated Schools of Construction (ASC) and actively participated in the formation of the American Council for Construction Education (ACCE). The name of the department was changed to Construction Science and Management (CSM) in 1991. In 1986 the department received approval and began to offer the Master of Science degree in Construction Science and Management (MCSM). In 1992 the department also received approval to offer its Master’s Degree via distance learning. The bachelor’s and master’s degree programs are currently accredited by ACCE.

In 2004, the CSM Department, in collaboration with the School of Architecture and the Department of Planning and Landscape Architecture initiated a PhD Program in Planning Development and the Built Environment (PDBE). The Department currently consists of nine (9) full-time faculty, six (6) part-time faculty, and two (2) staff members. We officially became the Nieri Family Department of Construction Science and Management (NfCSM) in the Fall semester of 2019. Since its inception, the department has awarded approximately 1900 bachelor’s degrees (BS) and 300 master’s degrees (MCSM).
DEPARTMENT NEWS

CONSTRUCTION INDUSTRY ACTIVITIES

The Fourth Annual Construction Industry Symposium was held at the Greenville Marriott on Oct. 10th. This year’s event was well attended and hosted a full day of interesting and engaging speakers and panel discussions, as highlighted below. We hope you will all plan to join us again in 2020 at the Greenville Marriott in early October for our Fifth Annual Symposium on *The Ever Changing World of Construction*.

Keynote Session

**Update on the Economy: Construction Industry Outlook**

Dr. Raymond “Skip” Sauer, Professor of Economics  
John E. Walker Department of Economics | Clemson University College of Business

*Skip Sauer* is Professor of Economics in The John E. Walker Department of Economics at Clemson University, where he has served since 1988. He served as Chair of the Department of Economics from 2004-2016, and as President of the North American Society of Sports Economists from 2011-2013. One of his prouder moments was as Faculty Adviser to the Clemson Student Team that were National Champions in the Fiscal Challenge, an academic competition where students present solutions to the nation’s fiscal problems. Dr. Sauer’s research interests in economics are wide-ranging. His papers have been published in leading academic journals including the *American Economic Review*, *Journal of Finance*, and *Journal of Political Economy*. He was awarded the Ph.D. by the University of Washington in 1985, and has served on the faculties of the University of New Mexico, Stanford University, and the University of Louisville. He and his wife Mary Carol have three children, all Clemson alumni.

Panel Discussion: Integrated Project Delivery

**Dean Reed, DPR**

*Dean Reed* is an advocate, organizer and educator for integrating project delivery at DPR. Dean became an early advocate for both VD&C and Lean Construction after seeing the value of 4-D simulations and the Last Planner System in 1997. He is a co-author of the book, * Integrating Project Delivery*, by John Wiley & Sons. Dean holds a Bachelor of Arts in Psychology from the University of California, Santa Cruz.

**Adam Hoots, DPR**

*Adam Hoots* is DPR Construction’s Life Sciences market leader, Adam has completed more than $400 million in life sciences and high-tech laboratory construction from shell to process connections and commissioning. He is a member of the Lean Construction Institute and is Green Globes Certified as well as a LEED Accredited Professional in Building Design and Construction. He earned his Bachelor of Arts in Communications from the University of South Florida.

**Charlie Dunn, DPR**

*Charlie Dunn* joined DPR Construction in 2016 where he continues to learn about the power of autonomy and the passion to build great things. Charlie’s career highlights include the on-site project management of over 2.5 million square feet of new distribution space across North America with zero recordable injuries, and recent WANO (World Association of Nuclear Operators) recognition for the use of 4D technology in project delivery. He knows that projects succeed because of people—what they believe, strategy—as it supports creativity and innovation, and tools—to deliver value and drive out waste.
Panel Discussion: Risk Mitigation

Jay Matthews (Moderator) Shareholder Haynesworth Sinkler Boyd

Jay Matthews is a construction lawyer in Greenville, S.C. He leads the Construction Practice Group at Haynesworth Sinkler Boyd, which he joined in 1999. He is a registered professional engineer (Mechanical, Florida). From 1992-1997, Jay served in the U.S. Air Force as a construction engineering officer. He led deployments and construction projects in Bosnia and Saudi Arabia. Jay graduated in 1991 from Georgia Tech, and received his law degree in 2000 from the University of Florida.

Knox White Mayor of Greenville, S.C.

Knox White has served as Mayor of Greenville since 1995. As Mayor, he has the goal of making Greenville “the most beautiful and livable city in America.” Under his leadership, the City maintains a “Triple A” (AAA) bond rating and enjoys a reputation for solving problems on an innovative and bipartisan basis. In 2018, Mayor White was profiled in Time Magazine as one of “31 People Who Are Changing the South.” A native of Greenville, and a graduate of Wake Forest University and the University of South Carolina Law School, Knox White is a partner in the law firm of Haynesworth, Sinkler & Boyd.

C. Brody Glenn, President Centennial American Properties LLC (CAP)

C. Brody Glenn manages the day-to-day operations of Centennial American Properties LLC (CAP), a Greenville-based commercial real estate development and management company. He has been an integral part of successfully developing more than six million square feet of commercial space in many markets. A native of Greenville, Brody has meaningfully contributed to the revitalization of downtown Greenville. He is currently leading the development team for Camperdown project. Brody is a graduate of University of South Carolina with a double major in Management and Real Estate. He and received his MBA from University of Georgia.

Kimberly Bailey, Senior Project Manager Brasfield & Gorrie

Kimberly Baily is a standout project manager with experience in every aspect of preconstruction and construction. Named one of Greenville Business Journal’s “2018 Best and Brightest 35 and Under,” she is the recipient of the 2018 CREW Upstate Deal Maker Award and was named president of CREW Upstate for 2019. A key member of Brasfield & Gorrie’s Greenville team, she currently oversees all aspects of the highly anticipated $200 million Camperdown development. Kimberly takes pride in reshaping the skyline of the city she calls home.

Panel Discussion: Use of Advanced Technology in Construction

Russ Gibbs Director of Innovation and Operational Technology Brasfield & Gorrie

After graduating from Auburn University with a bachelor’s degree in Architecture, Russ Gibbs went into a traditional architecture practice, where he played a significant role in many new urban communities. Russ joined Brasfield & Gorrie-Birmingham as a virtual design coordinator in 2015. He helped to grow the VD+C group to more than 40 people in just five years and to connect the future to the current needs of the company by guiding its development with UAVs, laser scanning, model-based layout, grade control, augmented and virtual reality, prefabrication, and the use of multimedia.

David Pratt Manager of BIM/VDC Services Robins & Morton

As a purveyor in innovation and technology, David Pratt implements the latest approaches that advance the construction industry from traditional methods. Innovations like sUAS, Lidar, robotics, and AR/VR. He has spent most of his career on the construction tract where he has implemented VDC & BIM services from conceptual design to turnover. As a LEAN advocate, David strives to continuously introduce and advance collaborative methods. David is a graduate of the University of Central Florida and Florida Atlantic University and holds bachelor’s degrees in Computer Science and Technical Education & Training.
Panel Discussion: Future of Residential Construction

Michael Dey  
Chief Executive Officer  
Home Builders Association (HBA) of Greenville

Michael Dey is CEO of the Home Builders Association of Greenville. Prior to joining the association in 2007, Michael held government affairs and communications positions with the HBA of South Carolina, Greater Atlanta HBA, and HBA of Winston-Salem. He was recognized by the National Association of Home Builders (NAHB) as the 2016 Executive Officer of the Year and served as the President of NAHB’s Executive Officers Council in 2017. Michael holds a bachelor’s degree in Journalism from the University of South Carolina.

Coleman Shouse  
LS Homes and Shouse Development

Coleman Shouse is a development and home building expert with LS Homes and Shouse Development in Greenville. He was the first Planning Director for Greenville County and was the 1977 President of the American Institute of Planners. He is a Past President of the Home Builders Association of Greenville and a member of the South Carolina Housing Hall of Fame. He received the Order of the Palmetto from Gov. David Beasley in 1998. He is a member of the Greenville Tech Area Commission.

Paul Michael  
Meritage Homes

Paul Michael has more than 28 years of experience in land and real estate development and brings a unique public policy perspective to real estate development. Paul’s current role with Meritage Homes includes land acquisition/development/entitlements and working across the organization to ensure new communities are opened on time. Paul’s past experience includes working with TPA Group with aspects of business park development and for the SC DNR where he led and oversaw the development of the State’s model conservation easement and developed the State’s first comprehensive land conservation strategic plan. An active member of the Greenville HBA and the Urban Land Institute, Paul holds a B.A. from the University of Georgia and an MBA from Kennesaw State University.

We also want to thank all of our 2019 Construction Industry Symposium Sponsors, including:

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Afternoon Break  
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The NfCSM Industry Advisory Board (IAB) met last on October 3, 2019 on the same day as the NfCSM Construction Industry Career Fair. Membership with the NfCSM IAB is open to all individuals interested in supporting and promoting the NfCSM department. The minimum annual donation to become a NfCSM IAB member is $100 (or $25 a year for the first three years following graduation for recent graduates of the NfCSM undergraduate and graduate programs). To join the NfCSM IAB online, please go to:
https://cualumni.clemson.edu/give/construction-science-and-management

Your NfCSM IAB is led by an Executive Committee consisting of the following leadership team, as approved at the July 18, 2019 meeting of the Executive Committee:

- **Paul Mashburn**, Chair - 2018-2021 (Becomes Immediate Past Chair in Fall, 2021);
- **Stephen Foushee**, Vice Chair – 2018-2021 (Becomes Chair in Fall, 2021);
- **Doug Hunter**, Immediate Past Chair – 2018-2021;
- **Leslie Armstrong**, Secretary (NfCSM Corporate Partner Program Coordinator);
- **Bradley Robinson**, Chair, Development Committee (2019-2022);
- **Michael Nieri**, Chair, Alumni Develop. Committee (2019-2022);
- **Kenny Garner**, Chair, Curriculum Committee (2019-2022);
- **Laurie Gregory**, Chair, Facilities Develop. Committee (2017-2020);
- **Gavin Axson**, ABC of the Carolinas Representative (2019-2022);
- **Tim Heichelbech**, Carolinas AGC Representative (2019-2022);
- **Todd Usher**, NAHB of Greenville Representative (2019-2022);
- **Brad Hutto**, new member (2019-2022);
- **Pennington Nieri**, new standing member representing the Nieri Family;
- **Paul Borick**, new standing member representing Clemson Facilities; and
- **Mike Jackson**, standing member as NfCSM Department Chair.

**NfCSM Corporate Partner Program**

Clemson’s **NfCSM Corporate Partners** include a group of leading construction companies that, collectively are dedicated to enhancing the educational experience of the NfCSM students at Clemson. Representatives from each member firm work with the department’s faculty and staff to ensure that Clemson’s NfCSM students have access to the best construction education possible and have the opportunity to contribute to the construction industry at the highest level possible upon graduation. It is because of this generous support that the Clemson NfCSM department is consistently recognized as a national leader in Construction Management education – currently ranked #6 among 2020's Best Construction Management Colleges in the U.S. [https://www.collegefactual.com/majors/business-management-marketing-sales/construction-management/rankings/top-ranked/](https://www.collegefactual.com/majors/business-management-marketing-sales/construction-management/rankings/top-ranked/).

By introducing new technology to the faculty and students, sharing industry experiences in the classroom, and providing financial resources to the program, Clemson’s NfCSM Corporate Partners are helping to strengthen the foundation for the future of the construction industry. A listing of our current NfCSM Corporate Partner companies is presented on the following pages.

For more information on how your company can become a NfCSM Corporate Partner, please don’t hesitate to contact Ms. Leslie Armstrong, NfCSM Corporate Partner Program Coordinator at 864-656-9588 (ARMSTR3@clemson.edu).
2019-2020 NjCSM Corporate Partners

A M King, Charlotte, NC
AJAX Building Corporation, Midway, FL
AJ Bright Construction, LLC, Greenville, SC
Archer Western, Atlanta, GA
Baker Concrete Construction, Alpharetta, GA
Balfour Beatty US, Charlotte, NC
Bowen & Watson, Inc., Toccoa, GA
Brasfield & Gorrie, Atlanta, GA
Caldwell Constructors, Greenville, SC
Carolina Power, Greer, SC
Carolina Safety Consultants, Greenville, SC
Carrol Daniel Construction, Gainesville, GA
C.F. Evans Construction, Orangeburg, SC
Chesterfield, Winter Park, FL
Chooate Construction, Mount Pleasant, SC
Clayton Construction Co., Inc., Spartanburg, SC
Coakley & Williams Const. Inc., Bethesda, MD
Contract Construction, Ballentine, SC
DPR Construction, Greenville, SC
Edcon, Inc., Peak, SC
Eldeco, Inc., Greenville, SC
Fortune-Johnson/Katerra, Norcross, GA
Fluor Corporation, Greenville, SC
Great Southern Homes, Irmo, SC
Greystar Dev. LLC, Houston, TX
Groundbreak Carolinas, LLC, Simpsonville, SC
Guy Roofing, Inc., Spartanburg, SC
H.G. Reynolds Co., Inc., Aiken, SC
Harper Corporation, Greenville, SC
Holder Construction, Atlanta, GA
Hood Construction, Inc., Columbia, SC
IES Commercial & Industrial, Greenville, SC
J Davis Construction, Inc., Westminster, SC
JE Dunn Construction, Atlanta, GA
Juneau Construction Co., LLC, Atlanta, GA
Kiewit Corporation, Omaha, NE
Loveless Commercial Contract., Inc., Cayce, SC
Mashburn Construction, Columbia, SC
M.B. Kahn Construction Co., Inc., Columbia, SC
McCrory Construction, Columbia, SC
McGriff Insurance Services, Greenville, SC
Metromont Corporation, Greenville, SC
Moss & Associates, Fort Lauderdale, FL
Myers & Chapman, Inc., Charlotte, NC
New South Construction, Atlanta, GA
NVR, Inc./Ryan Homes, Greenville, SC
Pattuex Companies, Crofton, MD
Poettker Construction, Breese, IL
Reeves-Young, Sugar Hill, GA
Robins & Morton, Charlotte, NC
Rodgers Builders, Charlotte, NC
Sherman Construction, Piedmont, SC
SteelFab, Inc., North Charleston, SC
Superior Construction, Jacksonville, FL
T.D. Farrell Construction, Inc., Alpharetta, GA
The Whiting-Turner Contr. Co., Charlotte, NC
Thompson Construction Group Inc., Sumter, SC
Trident Construction, LLC, Charleston, SC
Turner Construction Co., Charlotte, NC
United Rentals, Greenville, SC
Walbridge, Charlotte, NC
Waldrop, Inc., Spartanburg, SC
Watson Electrical Construction, Duncan, SC
WBG, Columbia, SC
Save the Date for the Next NfCSM IAB Meeting, Awards Banquet, and Construction Industry Career Fair – Feb. 13, 2020

The next NfCSM IAB Meeting and Awards Banquet Luncheon will take place on Thursday, February 13, 2020 at the Clemson University Madren Center. The IAB meeting will also be followed by the NfCSM Spring Construction Industry Career Fair. Please note that due to the unprecedented volume of the current construction economy, and extremely high demand for access to the NfCSM students, the NfCSM IAB Executive Committee unanimously voted to limit industry participation at future NfCSM Construction Career Fairs to NfCSM Corporate Partner members. This new policy will take effect immediately. Thus, the Spring NfCSM Construction Career Fair, scheduled for February 13th, will be exclusively open to NfCSM Corporate Partner companies. Please do not hesitate to contact Leslie Armstrong for information regarding the many other benefits of becoming a NfCSM Corporate Partner if you are not already a member.

Also, Save the Date for the 29th Annual NfCSM Alumni Golf Tournament and Graduating Senior Dinner – April 16, 2020

The 2020 NfCSM Alumni Golf Tournament will be held on April 16th at Clemson University’s beautiful Walker Golf Course. This annual event is regularly attended by Alumni and Industry Supporters from some of the largest Construction Firms and Specialty Contractors in the country, and is a perfect opportunity to support the Clemson NfCSM department while also networking and making new friends.
Dr. Ehsan Mousavi (above, center) led an impressive group of NjCSM students to a first-place finish in the 2019 Associated Schools of Construction (ASC) Open Concrete Division Competition, sponsored by Baker Concrete on Oct. 22-24 in Peachtree City, Georgia. For their extraordinary effort, the team brought home the first-place trophy and a $1,500 award check. It should also be noted that Dr. Mousavi’s students placed second in 2018, the department’s first time participating in the competition’s Open Concrete Division.

Another group of outstanding NjCSM students, under the leadership of Dr. Joe Burgett (above, far right) brought home a $1,500 award check for Best Presentation in the 2019 ASC Commercial Division Competition, sponsored by Holder Construction. These Clemson teams were in direct competition with peer programs in construction education, including Auburn University, the University of Florida, and Virginia Tech, among others.

We are extremely grateful for the privilege to work with these exceptional students!
If you have any further questions about the NfCSM department or would like to contribute in any way, please contact Ms. Leslie Armstrong, NfCSM Corporate Partner Program Coordinator at: 864-656-9588 (ARMSTR3@clemson.edu) or Dr. Mike Jackson, NfCSM Department Chair at: 864-656-3878 (nmjacks@clemson.edu). Your continued support is critical to our ongoing success and continuous improvement.

Finally, we encourage you to regularly visit the CU CSM Alumni and Supporters website at:

This website serves as a link for alumni and supporters to stay actively involved and engaged with of the NfCSM Department. A connected Alumni increases opportunities for previous, current, and future students by connecting all through one common goal; to sustain the Clemson NfCSM department among the best in the country. Thanks again for all you do!