



*Neri Family Department of*  
**CONSTRUCTION SCIENCE  
AND MANAGEMENT**



***SPRING 2020 NEWSLETTER***



*From the desk of*  
**MIKE JACKSON**  
*Department Chair and Professor*

Dear Alumni, Friends and Partners of the Department,

We are pleased to share the highlights of our first full academic year as the Nieri Family Department of Construction Science and Management (N<sub>i</sub>CSM) at Clemson. In the midst of this COVID-19 pandemic, our students, faculty and staff continue to have a lot to be thankful for. First, because of your foresight and ongoing support, the N<sub>i</sub>CSM department was amazingly well positioned to respond to the challenge of quickly moving our undergraduate and graduate instruction on-line for the Spring and Summer semesters of 2020. We are also extremely grateful to those of you who have taken extraordinary measures to continue to employ our students in experiential learning positions this summer. These construction industry internships are the heart and soul of our CSM undergraduate degree program, and the N<sub>i</sub>CSM department continues to prosper as a result of your participation. Once again, our faculty and staff promise to do our very best to respond to your overwhelming generosity with both increasing student numbers, and continued high-quality graduates. We will also build on the lessons learned during this unexpected crisis to continue to expand our distance learning offerings for a growing number of non-traditional construction management students.

Leading up to this crisis, we celebrated a new high of 74 CSM graduates during the 2019/2020 academic year; 69 undergraduate, and 5 graduate students. Thanks to you, these new graduates have all received challenging and rewarding employment opportunities within the construction industry (100% job placement). We also recorded a new high of 237 students in the major in 2019/2020. Even in these uncertain times, we also anticipate continued growth in 2020/2021.

N <sub>i</sub> CSM	Year:	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20*
Graduates	BS CSM:	47	37	39	41	45	62	55	69
	MCSM:	4	2	9	11	12	12	9	5
	Total:	51	39	48	52	57	74	64	74
Enrollments	BS CSM:	145	123	139	168	190	199	213	214
	MCSM:	15	17	28	25	25	21	9	23
	Total:	160	140	167	193	215	220	228	237

In closing, we are grateful for all that each of you are doing to make us stronger and more adaptable. The future may be more challenging at Clemson, but the N<sub>i</sub>CSM department will continue to prosper as a direct result of your support. We look forward to being able to meet in person again in the near future. In the meantime, be safe, be well, and always be a Tiger!

**N. MIKE JACKSON, PH.D., P.E.**  
**DEPARTMENT CHAIR AND PROFESSOR**



# OUR MISSION

The Mission of the Nieri Family Department of Construction Science and Management (N<sub>7</sub>CSM) 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: Excel in the education of N<sub>7</sub>CSM 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; Provide meaningful and relevant education in all construction courses for other undergraduate and graduate students at Clemson University; Foster Clemson University's service mission by providing outreach activities for the construction industry and public, both nationally and internationally; and 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.

# *OUR MISSION*

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 (N<sub>i</sub>CSM) 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).

## ***FAST FACTS FOR 2020***

*UNDERGRADUATE ENROLLMENT - 214*

*2020 GRADUATES - 74*

# DEPARTMENT NEWS



**“THIS COMPETITION WAS ONE OF THE BEST WAYS WE WERE ABLE TO APPLY THE CONCEPTS WE LEARN IN CLASS.”**

**HALLIE BOWERS  
CLASS OF 2021**

## ***UNDER THE DIRECTION OF DR. DHAVAL GAJJAR, A TEAM OF NCSM STUDENTS PLACE THIRD AT THE NATIONAL ROOFING CONTRACTORS ASSOCIATION STUDENT COMPETITION***

The Nieri Family Department of Construction Science and Management students placed third nationally in the National Roofing Contractors Association (NRCA) Student Competition. The competition was held February 3-6, 2020 in Dallas, TX. The competition consisted of compiling a qualified bid package (company profile, project management plan, estimating, scheduling, QA / QC plan, safety plan) for the Dallas Cowboys Practice Football Facility. Current CSM student, Hallie Bowers said, “This competition was one of the best ways we were able to apply the concepts we learn in class.” The students had the opportunity to present the proposal in-person at the Annual International Roofing Expo Conference held in Dallas. Photo: Students names from left to right are Hallie Bowers, Cain Compton, Scott McLeod, Hendrix Smith, Brad Smith.



## CSM SENIORS THAT GRADUATED IN DECEMBER 2019 AND MAY 2020



### FLYING DRONES WITH SCDOT

This year Dr. Burgett was awarded a grant from the SCDOT to teach a course on how to operate commercial Unmanned Aircraft Systems or drones to support various workflows in the built environment. The grant was unique in that both Clemson students and SCDOT employees took the class together. It was a great opportunity for Clemson student to showcase their technical skills while at the same time learning from seasoned SCDOT employees.

In the course, both the students and SCDOT employees earned their FAA Part 107 remote pilot's license. They gained hands on flight experience using enterprise grade drones. They also learned how to create and manipulate 3D models from the 2D drone images. It was a great experience for the students and excellent skillset available to Clemson graduates.

### ZOOMING ALONG...

Our professors did a great job of moving classes online during the Spring semester due to COVID-19. Our students rose to the occasion and made the most of it.

*Pictured:*  
Dr. Ehsan Mousavi hosted a virtual bid opening simulation for his construction estimating class.





**CORBIN  
WILLIAMS**

## ***CORBAN WILLIAMS WINS AGC'S NATIONAL ESSAY COMPETITION***

The AGC Education and Research Foundation gives two prestigious national awards annually – one to an educator who exemplifies excellence in the field of construction education, and the other to a senior-level student who submits the winning essay in the 2020 James L. Allhands Essay Competition. Corban Williams, a senior in Clemson University's Construction Science and Management (CSM) program, won this year's Essay Competition.

The overall topic for the 2020 Allhands Essay Competition was "Identifying and Positively Addressing Real and Perceived Barriers to Inclusion in Construction." The title of Williams' winning essay was "Increasing Diversity and Inclusion through Mentoring Underrepresented Groups." The driving force behind creating this research according to Williams was "to provide insight on how industry professionals can harness the burgeoning diversity already within the industry to recruit the next generation of workers and to highlight the importance of diversity and inclusion within the construction industry."

Williams was recognized during AGC's National Convention in Las Vegas, Nevada, in early March. His faculty sponsor, Dr. Dennis C. Bausman, Professor and Endowed Faculty Chair of Clemson's Neri Family Department of Construction Science and Management, also received special recognition.

Williams is from Columbia, S.C. He is an active member in the Clemson University Student Government as a member of the Council of Diversity Affairs. He is also a member of the Clemson AGC Student Chapter and the Clemson Black Student Union. Williams is also active in his community volunteering at the local soup kitchen each weekend and mentoring high school seniors about careers in the Construction Industry. He also recently completed a Study Abroad program in the Dominican Republic where he helped plan and construct a house for a family in need all while learning about the history and culture of the residents. Williams contributes much of his success to his parents and his mentors, especially Nate Spells Sr., Nate Spells Jr., and David Myers at Construction Dynamics. They were the first group of people to introduce Construction Science and Management to him and give him an internship position. After graduation Williams plans to work in the Construction Industry as a Project Engineer.



The NAHB Competition team attended the International Builders Show in Las Vegas in January 2020 and participated in the NAHB 4-Year Student Competition. The team placed 8th out of 40 teams.



**MARISSA J. BISCHOFF**

*2020 Carolinas AGC Citation for Merit*

In recognition of her outstanding academic achievement, good character and professional promise.

**CAIN COMPTON**

2020 ABC Roger Liska Grant-in-Aid Scholarship Award Winner



**TODD CARROLL**

*2020 NCSM IAB Student Intern Leadership Award*

In recognition of the quality of his internship experience and his initiative to solve a problem and/or improve a company or project process during his internship with J Davis Construction, Inc.



**EHSAN MOUSAVI  
ASSISTANT PROFESSOR**

*The Associated Schools of Construction Regional Teaching Awardee*

**ARUP BHATTACHARYA**  
*2020 Ralph Edward Knowland Outstanding Graduate Student Award*

Over the past year he exhibited the greatest contribution to the department based on a high level of performance and participation in the MCSM graduate program and school activities.



**DENNIS BAUSMAN  
PROFESSOR AND CSM  
ENDOWED FACULTY CHAIR**

*2019 Stephen P. Byrne Industry Achievement Award Winner*

The American Institute of Constructors and the Constructor Certification Commission



**BRITTANY A. LACY**

*2020 Carolinas AGC Citation for Achievement* - In recognition of her high professional promise, good character, and academic achievement.

*2020 Retail Contractors Association 2020 Scholarship Award* - The RCA's mission is to promote professionalism and integrity in retail construction through industry leadership in education, information exchange, and jobsite safety. Our scholarship program supports this mission by recognizing the next generation of leaders in the retail construction field.



# COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

## ADVISOR OF THE YEAR

### DEBORAH ANTHONY



The award winner is selected by the Ambassador executive board from dozens of nominations submitted by CAAH students. Anthony was nominated by numerous students who praised her as a caring and knowledgeable resource for the N<sub>7</sub>CSM majors.

Here's a sampling of their comments:

"She is always ready to help whenever you enter her office. She has been the most supportive of my time here as a student and will do anything in her power to make sure the students in N<sub>7</sub>CSM succeed. She always has a smile and candy on her desk. I couldn't have a better advisor"

"She is always helpful and genuinely cares about each student. I am lucky to have her as my advisor." Her dedication to the school, the construction department, and her students. Always desire and find ways to help students succeed in school and life. Also her well rounded knowledge of the program and genuine care encourages every student to bring their A-game!

"Deborah is unbeatable. She has been the GOAT of advising since I entered this world two decades ago. She's always looking out for you and knows everything there is to know about the classes here. N<sub>7</sub>CSM majors who graduated 10 or more years ago still ask about her."



## CHAMPIONS ON THE FIELD AND IN THE CLASSROOM

The Atlantic Coast Conference announced its annual All-ACC Academic Team, with members of Clemson's 14-1 ACC Championship squad accounting for a program-record-tying eight selections.

Minimum academic requirements for selection to the All-ACC Academic Team are a 3.0 grade point average for the previous semester and a 3.0 cumulative average during one's academic career. After meeting those prerequisites, athletic achievements during the most recent season are also considered in selecting the All-ACC Academic Team. N<sub>7</sub>CSM students, Justin Foster and Will Spiers were two of the eight selected for this honor.



## DRS. GAJJAR AND SHARMA RECEIVE 2020 N<sub>f</sub>CSM IAB RESEARCH GRANT

Drs. Dhaval Gajjar and Vivek Sharma and the N<sub>f</sub>CSM Industry Advisory Board (IAB) have partnered together on a \$25k grant to identify and explore an area that has greater impact on member companies via innovative solutions and better business outcomes in the Southeast region. Initial survey of the IAB companies identified “Workforce Demographics” that focuses on developing a workforce demographics index and the levels of urgency for knowledge transfer as an area of focus. A steering committee consisting of IAB members was formed to ensure meaningful and use-inspired research that can be readily applied by the industry partners. The kick-off meeting between Drs. Gajjar and Sharma and the Steering Committee was held in April to identify further courses of action. A detailed survey to capture the current workforce demographics and knowledge transfer strategies will be developed and distributed to the N<sub>f</sub>CSM IAB members.



We would like to thank the following Steering Committee members for their time and commitment. Tony Johnson, DPR Construction, Larry Beasley, Baker Concrete, Ned Purcell, Great Southern Homes, Jacob Lebar, IES Commercial & Industrial, Ryan Igo, CF Evans, Bill Caldwell, Waldrop Mechanical Services Kirk Bingenheimer, Lennar, Clay Addison, CT Addison Consulting, LLC, Todd Usher, Addison homes.



## NEW EMPLOYEES



### RICHARD GAUTHIER EXPERIENTIAL LEARNING COORDINATOR

Richard Gauthier is one of our newest hires to the department and most importantly, a graduate of our program. Richard’s responsibilities will revolve around our new XL Construction Yard. He will be the one facilitating the hands-on experiences for students. He will also lead students to on-site visits for various projects. While a N<sub>f</sub>CSM student, he was on the award-winning competition team and now will be one of the coaches in the Fall semester. Welcome to the N<sub>f</sub>CSM family, Richard!

### SHEILA PRICE COMMUNICATIONS COORDINATOR

N<sub>f</sub>CSM welcomes Sheila Price as the new Communication Coordinator for the department. She comes to Clemson from North Greenville University where she was the Social Media and Graphic Design Coordinator. She will be splitting her duties between the N<sub>f</sub>CSM and the School of Architecture. Her primary responsibilities will be keeping our website up-to-date, designing and updating the newsletter, and increasing our social media presence.

Sheila has her Masters degree in Strategic Communication from Liberty University in Lynchburg, VA and a Bachelors degree in Print Media from North Greenville University in Tigerville, SC. Her husband is also an employee of Clemson University and they have two future Tigers, Archer (6) and Birdie (1).



## LAURIE GREGORY

### 2020 DISTINGUISHED ALUMNUS AWARD

The NCSM Distinguished Alumnus Award is given annually to an alumnus of Clemson University's Nieri Family 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 NCSM department since graduation.

Previous Distinguished Alumnus Award recipients include:  
C. Douglas Harper – 2012; Steve K. Foushee – 2016;  
Thomas J. Burleson – 2013; Michael P. Nieri – 2017;  
Robert D. Fairey – 2014; Donald E. Jackson – 2018; and  
J. Paul Mashburn – 2015; Kenny Garner - 2019.



## MICHAEL NIERI

### 2020 HALL OF FAME AWARD

The NCSM 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 Clemson NCSM department. He or she need not be a graduate of Clemson University.

Previous CSM HOF Award recipients include:  
J. Doug Pruitt – 2012; W. Millard Choate – 2016;  
Harry L. Mashburn – 2013; Bill Caldwell – 2017;  
Bob L. Moss – 2014; Doug Hunter – 2018; and  
Terry C. Coakley – 2015; Ken Loveless - 2019.

## 2020 HEARTHSTONE BUILDER HUMANITARIAN AWARD

# MICHAEL NIERI





## **CSM FOUSHEE NAMED ONE OF ENR SOUTHEAST'S 2020 TOP YOUNG PROFESSIONALS**

**MIKE FOUSHEE, '05 | DIVISION MANAGER, BRASFIELD & GORRIE**

Since first joining Brasfield & Gorrie as a co-op student, Foushee has gone on to work on many of the contractor's most significant mixed-use and hospitality projects, including 1075 Peachtree, Loews Atlanta, Omni Nashville and Omni Louisville, with the combined value of his projects totaling \$1.9 billion. Now overseeing the Atlanta office's commercial/hospitality division, he is responsible for securing the division's work and supporting its project teams from an executive level. Foushee also mentors younger employees and, outside of the company, serves as an active member of the NfCSM advisory board and building committee.



# **FALL 2020 CAREER FAIR**

**OCTOBER 29, 2020**



## **KELSEY NICHOLE MCGHEE**

**JULY 1, 2000 - MAY 22, 2020**

It is with great sadness that we announce that on Friday, May 22, 2020, current NfCSM student, Kelsey Nichole McGhee, 19, of Conway, SC passed away. She was born July 1, 2000 in Myrtle Beach, SC and is the daughter of David Eric McGhee and Cynthia Douglas McGhee.

To honor her life's passion and desire for helping others her family welcomes donations to Habitat for Humanity of Horry County in Kelsey's name, 165 Co Op Road, Myrtle Beach, SC 29588 or at [www.habitatmb.org](http://www.habitatmb.org).



# CLEMSON®

NIERI FAMILY Department of  
CONSTRUCTION SCIENCE AND MANAGEMENT

*CLEMSON UNIVERSITY NIERI FAMILY DEPARTMENT OF  
CONSTRUCTION SCIENCE AND MANAGEMENT PRESENTS*

*2020 ANNUAL SYMPOSIUM*

# *DISRUPTORS IN THE CONSTRUCTION INDUSTRY*

OCTOBER 15, 2020  
8:00AM - 4:30PM

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GREENVILLE MARRIOTT  
ONE PARKWAY E, GREENVILLE, SC 29615



# Thank You CORPORATE PARTNERS

- AJ Bright Construction
- Ajax Building
- AM King
- Archer Western
- ARCO
- Baker Concrete
- Balfour Beatty Construction
- Bowen & Watson, Inc
- Brasfield & Gorrie
- C.F. Evans Construction
- Caldwell Constructors
- Carolina Power
- Carolina Safety Consultants
- Carroll Daniel Construction
- Chesterfield
- Choate Construction
- Clayton Construction
- Coakley & Williams Construction
- Contract Construction
- Danis Construction
- DPR Construction
- Edcon, Inc General Contractors
- Eldeco, Inc.
- Evans General Contractors
- Fluor Corporation
- Great Southern Homes
- Greystar Development and Construction
- GroundBreak Carolinas
- Guy Roofing
- H.G. Reynolds Company, Inc.
- Harper Corporation
- Holder Construction Co.
- Hood Construction, Inc
- IES Commercial & Industrial
- JDavis
- JE Dunn Construction
- Juneau Construction Company
- KATERRA
- Kiewit
- Lithko
- LMC (Lennar Multifamily Builders)
- Loveless Commercial Contracting
- M.B. Kahn Construction
- Mashburn Construction
- McCrory Construction
- McGriff Insurance
- Metromont Corporation
- Moss & Associates
- Myers & Chapman
- New South Construction
- Patuxent Materials, Inc.
- Poettker Construction
- Reeves Young LLC
- Robins & Morton Group
- Rodgers Builders
- Ryan Homes (NVRINC)
- Sherman Construction
- SteelFab of South Carolina
- Superior Construction
- Swinerton Builders
- T. D. Farrell Construction
- The Whiting-Turner Contracting Co.
- Thompson Construction Group
- Topcon
- Trident Construction
- Turner Construction Company
- United Rentals
- Walbridge Southeast
- Waldrop Mechanical Services
- WATSON ELECTRIC
- WBG Mechanical Const. & Engrs



Sophomore, Allison O'Toole from Greenville, SC on a site-visit to Great Southern Homes residential construction site in Pendleton, SC. Great Southern Homes is one of our Corporate Partners.

# *BECOME A CORPORATE PARTNER*

Clemson's N<sub>2</sub>CSM Corporate Partners include a group of leading construction companies that, collectively are dedicated to enhancing the educational experience of the N<sub>2</sub>CSM students at Clemson. Representatives from each member firm work with the department's faculty and staff to ensure that Clemson's N<sub>2</sub>CSM 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 N<sub>2</sub>CSM 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.

By introducing new technology to the faculty and students, sharing industry experiences in the classroom, and providing financial resources to the program, Clemson's N<sub>2</sub>CSM Corporate Partners are helping to strengthen the foundation for the future of the construction industry.

For more information on how your company can become a N<sub>2</sub>CSM Corporate Partner, please don't hesitate to contact Ms. Leslie Armstrong, N<sub>2</sub>CSM Corporate Partner Program Coordinator at 864-656-9588 (ARMSTR3@clemson.edu).

# MESSAGE FROM DEAN BOOSINGER

America has not faced a more turbulent week in perhaps half a century.

Like so many of you, we are horrified by the killing of George Floyd.

We have seen calls for justice ring out across our nation, and in our streets. We have watched as anger and frustration and hope and hopelessness have devolved into violence, often at the hands of those whose motives have nothing to do with equity or justice.

We know people are hurting, across our land and in our Clemson Family, especially the African Americans in our community. We are family. All of us.

The College of Architecture, Arts and Humanities strives to be an inclusive and equitable environment that welcomes an array of voices and provides opportunities for all. We aim to provide global perspectives, honor differences, respect diversity and make our world a better place. We do so at a University, that like so many in our nation, has a challenging history with long expanses of time when it did not welcome all.

We evolve and we try to do better. We must do better still.

Adding to the pain of an unprecedented pandemic, economic freefall and civil unrest, we have been made aware of several disturbing social media posts attributed to Clemson students in the few past days.

Let us be clear, there is no room for hate in our College.

Racist and dehumanizing expressions have absolutely no place in our community. We join the University in denouncing hateful speech, hateful images and hateful actions.

Please join us in creating a better future. Show your support for those who are hurting economically, physically and emotionally during these trying times. Share knowledge, spread empathy.

We are Clemson Family. We are CAAH Family. Let's lead the way.

Timothy Boosinger, DVM, Ph.D.  
Interim Dean, Clemson University College of Architecture, Arts and Humanities



XL Construction Yard

## STAY CONNECTED



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**CONSTRUCTION SCIENCE  
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Nieri Family Department of Construction Science  
and Management Experiential Learning Group