

## Academics

### Undergraduate Degree Programs

- Bachelor of Science in Civil Engineering
- Bachelor of Science in Construction Engineering
- Bachelor of Science in Environmental Engineering

### Graduate Degree Programs

- PhD in Civil Engineering
- Master of Science in Civil Engineering (MSCE) and Environmental Engineering (MSENE)
- Master of Civil Engineering (MCE) and Environmental Engineering (MENE)

### Engineering Online Degree Programs

- Master of Civil Engineering (MCE) and Environmental Engineering (MENE)

## Areas of Expertise

- Computing and Systems
- Construction Engineering
- Environmental, Water Resources, and Coastal Engineering
- Geotechnical/Geoenvironmental Engineering
- Mechanics and Materials
- Structural Engineering and Mechanics
- Transportation Systems and Materials

## Centers, Institutes & Laboratories

- State-of-the-art laboratories in structures, environmental, geotechnical, computing and transportation materials.
- Department of Homeland Security Center of Excellence on Natural Disasters, Critical Information and Engineering Management (DIEM)
- Center for Nuclear Energy Facilities and Structures (CNEFS)
- Institute for Transportation Research and Education (ITRE)
- NSF Industry-University Cooperative Research Center: Center for the Integration of Composites in Infrastructure (CICI)
- Center for Environmental and Human Health Effects of Per- and Polyfluoroalkyl Substances (PFAS)

## Key Statistics

- One of the largest CE departments in the nation.
- 50 distinguished faculty, including 15 with NSF Career Awards, and many recipients of national, state, and local awards for excellence in education and research. Faculty are leaders in many national and international professional societies.
- Total research expenditures exceed 19 million dollars.
- Strong undergraduate and graduate programs.
- **Rankings**
  - 19<sup>th</sup> in Undergraduate Civil Engineering
  - 11<sup>th</sup> in Undergraduate Environmental Engineering
  - 24<sup>th</sup> in Graduate Civil Engineering
  - 26<sup>th</sup> in Graduate Environmental Engineering
  - 1<sup>st</sup> in Civil and 2<sup>nd</sup> in Environmental in Distance Education
- Undergraduate enrollment of **799**; undergraduate degrees awarded in 2019/20, **128** CE, **9** CON, and **31** ENE.
- Fall 2020 graduate enrollment of **289** including **138** in the Master's programs and **151** in the PhD program. A total of **19** PhD, **22** MS, and **68** MCE and MENE degrees were awarded in 2019/20.
- **69** students are enrolled in the Department's Distance Education program.
- Funded endowment exceeds 25 million dollars including undergraduate scholarships and professorships.

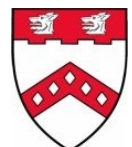
## Firm of the Month

- Over 44 of our corporate partners have been showcased in Mann Hall. Contact Lindsay Smith for further information (lksmith4@ncsu.edu).

## More Information

Department of Civil, Construction, and Environmental Engineering  
Campus Box 7908  
2501 Stinson Drive/Mann 208  
Raleigh, NC 27695-7908  
Tel: 919-515-2331 Fax: 919-515-7908  
[www.ccee.ncsu.edu](http://www.ccee.ncsu.edu)  
[@NCStateCCEE](https://www.facebook.com/ccee.ncsu)

Rev 09/20



CCEE Faculty

Department of Civil, Construction, and Environmental Engineering

Computing and Systems

<b>Sankar Arumugam</b> ('01) Tufts University	<b>Kevin Han</b> ('16) University of Illinois
<b>John Baugh</b> ('89) Carnegie Mellon University	<b>James Levis</b> ('13) North Carolina State University
<b>Emily Berglund</b> ('05) NC State University	<b>Min Liu</b> ('07) UC Berkeley
<b>Joe DeCarolis</b> ('04) Carnegie Mellon University	<b>Kumar Mahinthakumar</b> ('95) University of Illinois
<b>Casey Dietrich</b> ('11) University of Notre Dame	<b>Fernando Garcia Menendez</b> ('13) Georgia Tech
<b>Murthy Guddati</b> ('98) University of Texas at Austin	<b>Daniel Obenour</b> ('13) University of Michigan
<b>Ali Hajbabaie</b> ('12) University of Illinois	<b>Ranji Ranjithan</b> ('92) University of Illinois

Construction Engineering

<b>Alex Albert</b> ('13) University of Colorado	<b>William Rasdorf</b> ('82) Carnegie Mellon University
<b>Kevin Han</b> ('16) University of Illinois	<b>Min Liu</b> ('07) UC Berkeley
<b>Edward Jaselskis</b> ('88) University of Texas at Austin	

Environmental Engineering, Water Resources and Coastal Engineering

<b>Sankar Arumugam</b> ('01) Tufts University	<b>Andy Grieshop</b> ('08) Carnegie Mellon University
<b>Tarek Aziz</b> ('10) NC State University	<b>Angela Harris</b> ('15) Stanford University
<b>Morton Barlaz</b> ('88) University of Wisconsin	<b>Jeremiah Johnson</b> ('07) Yale University
<b>Emily Berglund</b> ('05) NC State University	<b>Detlef Knappe</b> ('96) University of Illinois
<b>Douglas Call</b> ('11) Penn State University	<b>James Levis</b> ('13) North Carolina State University
<b>Joe DeCarolis</b> ('04) Carnegie Mellon University	<b>Fernando Garcia Menendez</b> ('13) Georgia Tech
<b>Francis de los Reyes</b> ('00) University of Illinois	<b>Daniel Obenour</b> ('13) University of Michigan
<b>Casey Dietrich</b> ('11) University of Notre Dame	<b>Ranji Ranjithan</b> ('92) University of Illinois
<b>Joel Ducoste</b> ('96) University of Illinois	<b>Elizabeth Sciaudone</b> ('01) North Carolina State University
<b>H. Christopher Frey</b> ('91) Carnegie Mellon University	

Geotechnical/Geoenvironmental Engineering

<b>Ashly Cabas Mijares</b> ('16) Virginia Tech	<b>Brina Montoya</b> ('11) UC Davis
<b>Mo Gabr</b> ('87) NC State University	

Mechanics and Materials

<b>Cassandra Castorena</b> ('12) University of Wisconsin	<b>Jason Patrick</b> ('14) University of Illinois
<b>Murthy Guddati</b> ('98) University of Texas at Austin	<b>Mohammad Pour-Ghaz</b> ('11) Purdue University
<b>Tasnim Hassan</b> ('93) University of Texas at Austin	<b>Akhtar Tayebali</b> ('90) UC Berkeley
<b>Richard Kim</b> ('88) Texas A&M University	<b>Shane Underwood</b> ('11) NC State University
<b>Brina Montoya</b> ('11) UC Davis	

Structural Engineering and Mechanics

<b>Murthy Guddati</b> ('98) University of Texas at Austin	<b>Jason Patrick</b> ('14) University of Illinois
<b>Abhinav Gupta</b> ('95) NC State University	<b>Mohammad Pour-Ghaz</b> ('11) Purdue University
<b>Tasnim Hassan</b> ('93) University of Texas at Austin	<b>Giorgio T. Proestos</b> ('18) Univ. of Toronto
<b>Mervyn Kowalsky</b> ('97) UC San Diego	<b>Rudi Seracino</b> ('00) University of Adelaide
<b>Gregory Lucier</b> ('12) North Carolina State University	<b>Steve Welton</b> ('92) NC State University
<b>Jim Nau</b> ('82) University of Illinois	

Transportation Systems and Materials

<b>Eleni Bardaka</b> ('16) Purdue University	<b>George List</b> ('84) University of Pennsylvania
<b>John Baugh</b> ('89) Carnegie Mellon University	<b>Akhtar Tayebali</b> ('90) UC Berkeley
<b>Cassandra Castorena</b> ('12) University of Wisconsin	<b>Shane Underwood</b> ('11) NC State University
<b>Ali Hajbabaie</b> ('12) University of Illinois	<b>Billy Williams</b> ('99) University of Virginia
<b>Richard Kim</b> ('88) Texas A&M University	

Professional Faculty

<b>George Bonner</b> ('89) M.S. University of Illinois	<b>Roberto Nunez</b> ('91) MBA University of NC at Chapel Hill
<b>Meagan Kittle Autry</b> ('13) NC State University	<b>Steve Welton</b> ('92) M.S. NC State University
<b>Jonathan Miller</b> ('19) NC State University	

