

CLEMSON UNIVERSITY
NIERI DEPARTMENT OF CONSTRUCTION
SCIENCE AND MANAGEMENT

Strategic Plan

SPRING, 2021

DEPARTMENT OF CONSTRUCTION SCIENCE AND MANAGEMENT 2021– 2026 STRATEGIC PLAN

Mission and Goals

The Mission of the Nieri Family Department of Construction Science and Management (N_FCSM) is to offer a comprehensive program of construction education, with scholarly and service activities, consistent with the Mission of Clemson University and the College of Architecture, Arts and Humanities, to improve 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 Construction Science and Management undergraduate and graduate students alike through vigorous programs 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. Foster Clemson University's service mission by providing outreach activities for the construction industry and public both nationally and internationally.
3. Assist in attaining Clemson University's scholarship goals by conducting and disseminating the results of research and development and providing educational opportunities for the construction industry.

Strategic Plan (REAL)

The following plan is organized around Clemson University's REAL-based strategic plan

Research - Increase research activities

1. Increase average research funding by 25% by 2026.
2. Increase faculty peer-reviewed publications and invited presentations by 30% by 2026.
4. Maintain ten (10) PhD students with a concentration in CSM in the PDBE program beginning in the fall of 2021.
5. Maintain teaching loads at R1 university standards (2:2 teaching load).
6. Continue work to develop new state-of-the-art construction education and research facilities designed and constructed to provide needed instruction and research space.
7. Obtain external funding to attain the above stated Research goals.

Engagement - Enhance engagement with department stakeholders

1. Leverage the department's Corporate Partners to obtain State of South Carolina State Licensing Board approval to establish a state licensing contribution to the department to support research activities by 2026.
2. Increase the number of Corporate Partners by another 20% (85 NjCSM Corporate Partners) by 2026.
3. Pursue NSF IUCRC funding <https://iucrc.nsf.gov/about> to increase the mission of the Center for the Improvement of Construction Management and Processes to become the industry-centric unit within the department by 2026.
4. Jointly collaborate with the other degree programs on three (3) new required undergraduate collaborative courses by 2026 (Construction Spanish, Joint Intro. to ..., Seminar Series, etc.).
5. Continue to develop new state-of-the-art construction education and research facilities that will enable enhanced engagement activities with related academic and research activities.
6. Obtain additional external funding to attain the above Engagement goals.

Academic – Enhance the quality of the NjCSM undergraduate and graduate programs

1. Maintain full accreditation of undergraduate and graduate programs.
2. Market and promote the online MCSM program.
3. Increase number of full-time faculty and department staff to enable the growth of the student body (equivalent of one new faculty member per 25 new students).
4. Continue to develop new state-of-the-art construction education and research facilities to ensure students are receiving the highest quality education utilizing the most up-to-date instructional technology.
5. Obtain needed additional external financial support to accomplish the above Academic goals.

Living

1. Increase the diversity of faculty, students and staff consistent with University goals.
2. Increase “study abroad” instruction/research opportunities for students and faculty.
3. Obtain needed additional external financial support to accomplish the above Living goals.

April 6, 2017

Last Revised May 2, 2021