



Louisiana Tech College of Engineering & Science Grand Challenge Scholars Program (GCSP)



GC Faculty Mentor Overview

Each Grand Challenge Scholar Apprentice must have a Faculty Mentor in order to participate in the GCSP. Students applying to the Program must have a letter from the Faculty Mentor, indicating their willingness to serve in that capacity, as well as a letter of recommendation from one other faculty member, a one-page personal essay and a completed application form.

The role of the Faculty Mentor is to counsel and direct the completion of the Apprentice's five-point GC Curricular Plan. The Plan must focus on one of the fourteen National Academy of Engineering's Grand Challenges and fulfill the specified requirements for each part of the plan. The Plan does allow for some flexibility and offers in most cases some choice in how to fulfill the requirements. Each Apprentice must meet once a quarter with their GC Faculty Mentor to review their progress on the Curricular Plan. By May 1 of each academic year, each GC Scholar Apprentice must submit a progress report to their GC Faculty Mentor (to be forwarded to the GC Steering Committee), outlining their accomplishments for the past academic year and a plan for the upcoming academic year. Upon satisfactorily completing the GC Curricular Plan, the Faculty Mentor must write a letter of recommendation to the GC Steering Committee, to accompany the Apprentice's final report, in support of their application and verifying that they have met all program requirements. Apprentices must also participate in a "capstone" presentation to present and share information about their scholarship and project experiences prior to graduation. Faculty Mentors are expected to be in attendance at this presentation. Upon graduation, Apprentices who complete the program will be designated as Louisiana Tech College of Engineering and Science Grand Challenge Scholars, as well as receive recognition from the National Academy of Engineering.

Questions about the **Louisiana Tech College of Engineering and Science GSCP? You are welcome to contact us at any time with questions, ideas or suggestions about the GCSP.**

Check out the website at: <http://www.latech.edu/coes/gcscholars> or contact: Dr. Jenna Carpenter, Director, Grand Challenge Scholars Program at: jenna@latech.edu