

Implementing the Grand Challenges Scholars Program: Year One

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UNIVERSITY of
DENVER

DANIEL FELIX RITCHE SCHOOL
OF ENGINEERING & COMPUTER SCIENCE

Program Awareness

Our approval to join the GCSP program came on July 13, 2017 which gave us a short period of time to promote the program to our incoming Freshman.

Channels of promotion we used were:

- Social Media posts
- Inclusion in our Newsletter
- Fliers throughout our building and campus
- Conversations with other schools and departments with the goal of creating ambassadors empowered to share our messaging
- Presentation during freshman orientation

Understanding the Grand Challenges

Those interested in learning more about the Grand Challenges and our program were invited to enroll in our Engineering Connections course. This is a required course for all Engineering majors and open to anyone interested.

During the course we:

- Provided an overview of what the Grand Challenges are and how they came to be.
- Explored each of the Grand Challenges in detail looking at work that has been done and what opportunities are available for making advancements.
- Introduced students to the faculty they will be able to work with as mentors.

Application to the GCSP

After completing the Engineering Connections course in Fall Quarter our students interested in tackling the Grand Challenges are asked to complete their application which includes:

- Proposed Grand Challenges Topic Area
- Description of activities and course being proposed to satisfy the requirements of
 - Hands-on Project or Research Experience
 - Interdisciplinary Curriculum
 - Entrepreneurship
 - Global Dimension
 - Service Learning
- Including documentation of
 - Summary of Grand Challenges and prospective area to be investigated and why it's of interest.
 - Academic Course Planning with GC Milestones highlight
 - Resume
 - Transcript

Selection of Candidates

Upon receiving applications from our students we will review the applications and interviews will be conducted.

Approximately 20 candidates will be selected (annually).

Applicants will then follow the guidelines of admission to GCSP which includes but is not limited to:

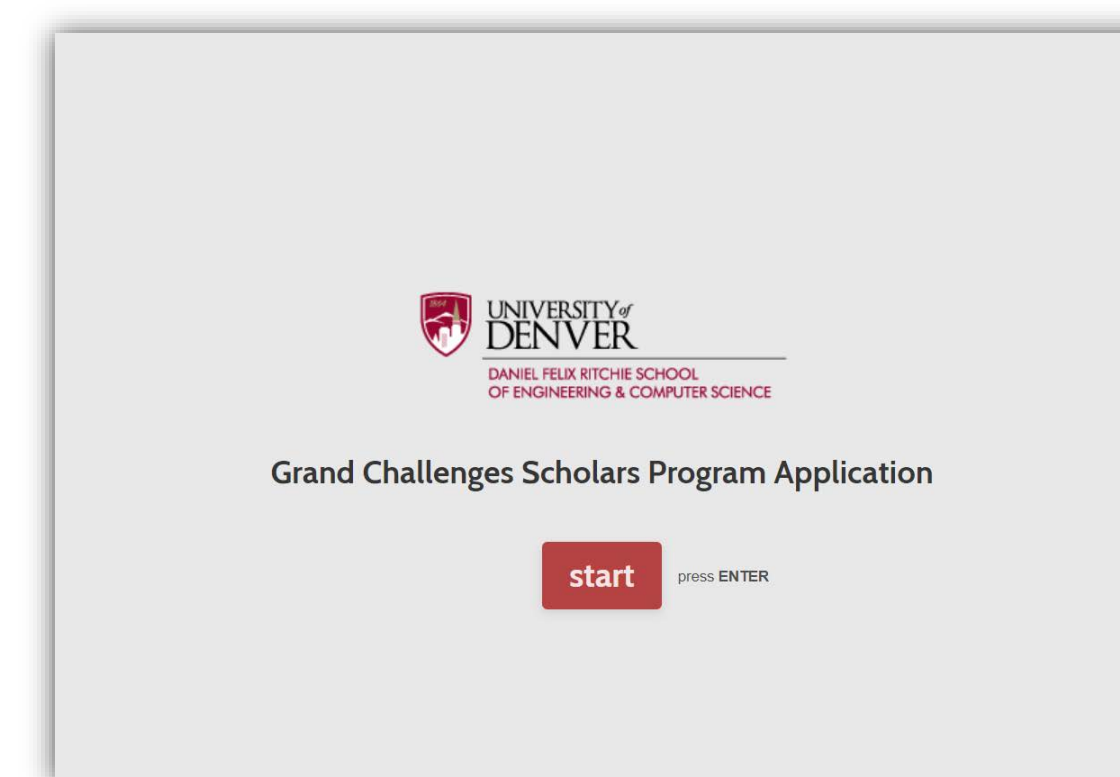
- Enroll in and complete specific courses.
- Stay in good-standing and maintain a minimum GPA of 2.7
- Complete the activities and coursework outlined in their application.
- Work with their GCSP Mentor and the GCSP Leadership team to stay on track.



Dean Holston presenting at orientation



Dr. Matt Gordon and Engineering Connections Students



Online Application Starting Page



Ritchie School students at work