Funding Grand Challenge Scholar Programs and Activities
Faculty research within each of the 14 Grand Challenge areas are clearly outlined

- Students have a variety of ways to get involved with research and get paid!
  - Most programs are funded by endowments
  - University wide programs for engineering majors include:
    - Provost Undergraduate Research Fellowship (Summer only)
    - Rose Hills Foundation Research Fund (Summer only)
    - WISE (Women in Science & Engineering) Research fund (semester/summer)
  - Viterbi School programs
    - Merit Research program
Interdisciplinary curriculum

- Engineering “Plus”
  - Independent of GCSP – students are encouraged to do more than just their engineering degrees.
- Renaissance Scholars Program
- USC Academic Achievement Award
  - Honors students with minimum of 3.75 are granted tuition benefits beyond the “flat rate” in order to pursue minors
- Viterbi Scholarship programs provide support to students who are pursuing minors
Entrepreneurship & Technology Commercialization minor
  • Joint between Viterbi and Marshall
  • Partnership with USC Stevens Institute of Innovation
MEPC (Maseeh Entrepreneurship Prize Competition)
  • Grand Challenge related competition
    Provides $50,000 to winning team for start-up funds
    Requires student teams to include at least one undergraduate and to be cross-disciplinary in nature.
Global Dimension

- Global Scholars - $10K prize competition funded by Provost Office
- I-Podia program – interactive class taught across two universities in Taiwan and Beijing. Focused on innovative product design related to green technology and other Grand Challenge areas
  - Funded by private donation
- Student organization financial support
  - Engineering World Health
  - Engineers without Borders
Service Learning

- Engineers without Borders
  - Support for project and travel funded by School, alums and corporate partners
- Engineering World Health
  - Activities funded by undergraduate student fees
- KIUEL – support activities through endowment created by alum
- Engineering Writing Program
  - Service learning integrated into classroom

Supported by VSOE budget and proposal written by students
Funding & Administration

- Support of staffing through regular budget process within VSOE
- Aggressive leadership by administration to seek financial support
  - Alumni
  - Corporate partners
- Collectively integrate programs related to Grand Challenge Scholars Program to support efforts
- Designating funds for curricular innovation to encourage faculty
  - New undergraduate research course related to Making Solar Energy More Economical