

Break Out Session Report: Best Practices, Lessons Learned, Overcoming Institutional Challenges

NAE
GRAND
CHALLENGES
SCHOLARS PROGRAM



NATIONAL ACADEMY
OF ENGINEERING



What are the strengths and weaknesses of the GCSP in its current practices, and how do we convert weaknesses to strengths?

Strengths

- Students have flexibility in completing the five requirements
- Can use existing related programs on campus to complete requirements
- Helps students choose a pathway aligned with their intrinsic motivations
- Provides opportunities to pursue new grants funding

What are the strengths and weaknesses of the GCSP in its current practices, and how do we convert weaknesses to strengths?

Weaknesses

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- Can using existing related programs on campus to complete requirements
- Helps students choose a pathway aligned with their intrinsic motivations
- Provides opportunities to pursue new grants funding

What are the opportunities for expansion and development of the GCSP and how can we capitalize on them? What dangers exist in the expansion and development of the GCSP and how do we minimize the latter?

- Recruiting students
- Identifying and securing needed staff
- Identifying and securing needed \$
- Motivating faculty to get involved
- Building the needed sense of community among scholars

What are the opportunities for expansion and development of the GCSP and how can we capitalize on them? What dangers exist in the expansion and development of the GCSP and how do we minimize the latter?

NEEDS

- Better communicate the brand of the GCSP to students, faculty, employers
- Platform for sharing best practices
- Build a stronger community among GCSP institutions

RISKS

- Not all graduates may truly complete the five requirements
- The brands of the NAE and GCSP will be weakened

What are the most valuable lessons that can and should be widely shared and what are the best mechanisms/platforms to share them?

- Use current Scholars to recruit applicants
- Living learning dorms
- Encouragement to perform community services
- GCSP symposia and public lectures
- Encouraging GCSP teams in competitions
- GCSP-focused courses
- Partnerships with industry