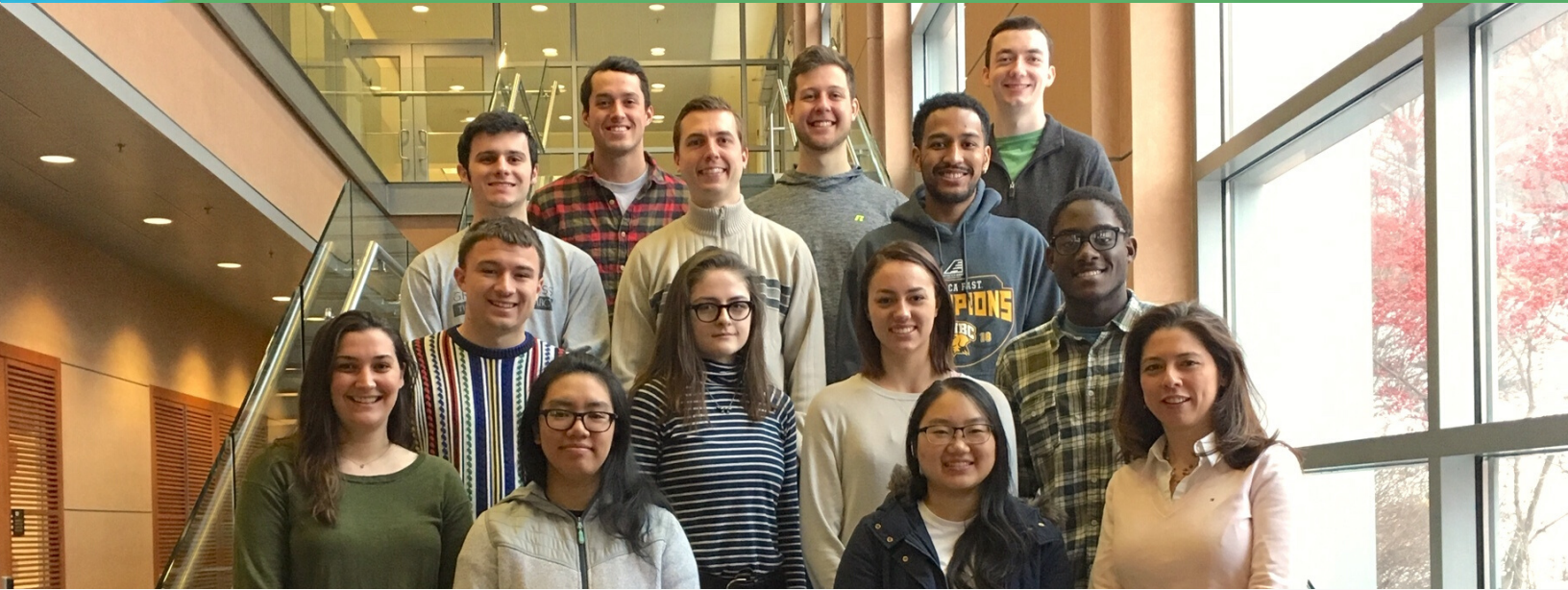
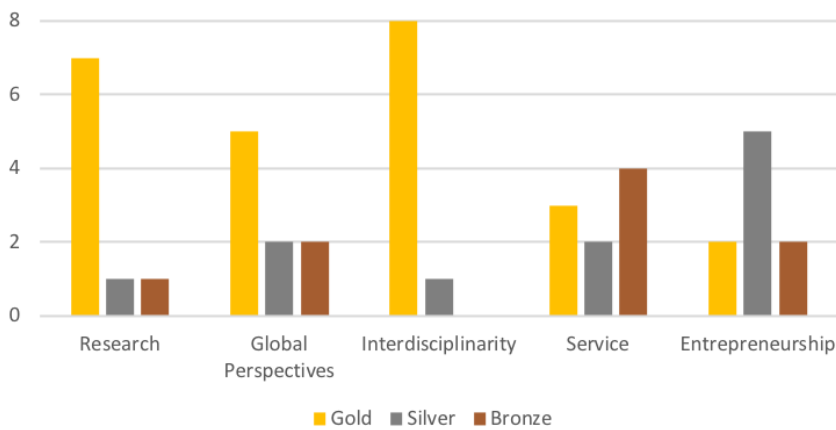


GRAND CHALLENGE SCHOLARS PROGRAM

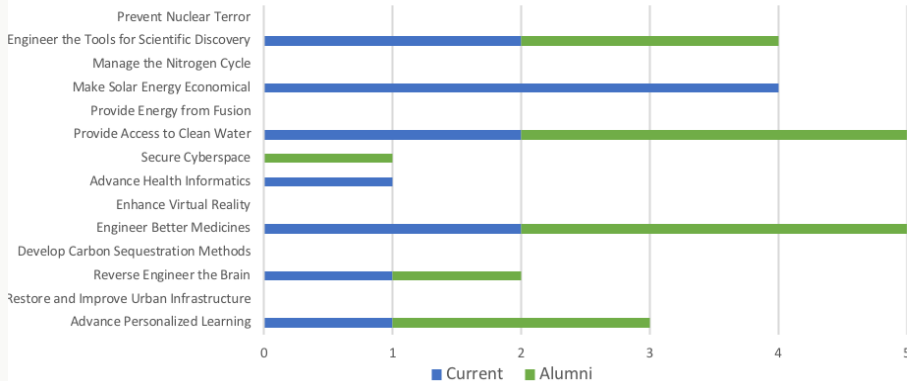


Student Experience Levels



Achieved experience levels by alumni scholars

Grand Challenges Student Selection



Selected grand challenges by current and alumni scholars

Highlights:

As we reflect on our past year, we have welcomed many opportunities for the Grand Challenges Scholars Program at the University of Maryland Baltimore County. We accepted eight incoming scholars as the third cohort of our program and welcomed a new program director, Dr. Maria Sanchez, as well as program coordinator, Kiplyn Jones, a Shriver Peaceworker Fellow. Our network of students and alumni has grown and includes almost thirty scholars. Our incoming scholars have successfully completed their first steps of the program and have decided on one of the fourteen grand challenges to focus on. During the next phase of our program new and returning scholars will have the opportunity to work closely together to draft and complete their required program experiences.

Program Achievements:

The Grand Challenges Scholars Program had the chance this past semester to increase its exposure outside the university by representing our program at the National Academy of Engineering (NAE) Annual GCSP Meeting. In addition to, sponsoring one of our scholars to participate at the Global Student Forum as a part of the World Engineering Education Forum.

National Academy of Engineering (NAE) Annual GCSP Meeting:

Current scholars represented the program at the NAE's Annual GCSP Meeting in Washington, D.C. New program director, Dr. Maria Sanchez, along with program coordinator and three scholars had the opportunity to meet employers, scholars, program directors, and stakeholders of GCSP at this meeting.

Global Student Forum:

Jordan Armstead, one of our recent incoming scholars, was able to complete his Global Perspectives Experience by partaking in a global forum. The Global Student Forum (GSF) is an international conference organized by the Student Platform for Engineering Education (SPEED), it gave Jordan the opportunity to work with students from all over the world. His project of focus at the conference was on diversified academia through interdisciplinary collaboration.



Top, Left to Right: Dr. Maria Sanchez, Emily Duan, Jood Ali, Randy Deinlien & Kiplyn Jones at the NAE Annual GCSP Meeting. Bottom: Jordan Armstead and other students at the GSF- SPEED Conference in Albuquerque, New Mexico.

Current Projects:

The program has also taken the initiative to begin developing resources for further expansion of the program. We have actively been working with the **Faculty Development Center** to create resources for surveying student's achievement based on program involvement as well as developing tools to access student's success in the program. **Common Vision** has been an excellent resource in assisting the program with developing materials for recruitment and establishing effective branding materials for the program. We thank you all for your continued support at The University of Maryland Baltimore County, our program and scholars success would not be possible without your continued encouragement.

Upcoming Events:

- Provost's Teaching & Learning Symposium - **March 1, 2019** - University Center Ballroom
- Grand Challenge Scholars Program Information Session - **April 11, 2019** - Flat Tuesdays at UMBC
- GCSP Application Due Date - **May 6, 2019**
- GCSP Celebration - **TBA**

“ I was able to pick small self-challenges throughout the NAE meeting to help myself grow and step out of my comfort zone. My biggest takeaway was that everyone is willing to help. By attending the different sessions, I experienced the shared vision and passion for the program from all over the world. ”

-Jood Ali (G3)
NAE GCSP Annual Meeting

“ I joined GCSP to gain the opportunity to acquire a more global view of research, as well as to explore the cultural, economic, and personal limitations/catalysts to research. This way, my engineering solutions truly solve grand challenges, and not just the problems in my immediate environment. ”

-Toluwanimi Bello (G1)

GRAND CHALLENGE
SCHOLARS PROGRAM
engaging students in problems that matter

UMBC