

CPSG 101 Science & Global Change First Year Colloquium II
SGC Academic Showcase Interview
DUE: May 9, 2024

This semester your sophomore colleagues are presenting the results of their individual research, service-learning, or internship work. The venue for this presentation is:

- May 3 (Fri.): Scholars Academic Showcase, 4-5:30 pm, Edward St. John Building. SGC (and LS) posters will be in ESJ 0202; Discovery Research in the lobby outside ESJ 2208, and other programs are in other parts of the building.

As part of your colloquium grade, you are required to attend the Scholars Showcase, and interview at least **five** (5) of the presenters, of whom at least **three** (3) of which must be SGC students (whether in the main room, in Discovery Research), **one** (1) of which must be from a Discovery Research student (from SGC or otherwise), and **one** (1) of which is from a different program.

BUT MOST ESPECIALLY NOTE: These must be *interviews*: that is to say, you talk with the presenter, not just simply copy down the information from their poster. Your report on these short interviews will be part of the grade for this semester but will also give you an idea of some of the experiential learning opportunities afforded by Scholars. (**NOTE WELL:** Next Spring **YOU** will be presenting at the Academic Showcase [hopefully in person!!], so observe carefully!!). Also, feel free to explore additional posters and videos.

PLEASE do **NOT** travel in herds! Spread yourself out and interview students individually. In the past we wind up with many sophomores who don't get anyone talking to them! (You don't want that for you next year, do you??)

Here is a breakdown of your interview requirements:

- By Scholars Program:
 - 3 must be from SGC
 - 1 must be from a program other than SGC
- By Room/Category:
 - 3 must be from the main poster session room for SGC (ESJ 0202)
 - 1 must be from Discovery Research. Students of all programs are in Discovery Research. (lobby outside ESJ 2208 on top floor)
 - 1 must be from a non-SGC program.

Due Date: **Tuesday May 9**. You turn this in online on ELMS: we give you the space on this sheet to take notes.

Poster 1:

Student Name: Ash Ireland

Student Major: Biological sciences

Scholars Program: SGC

Title of Project: Stream-line Success

The Specific Class CPSG230

Briefly describe the nature of the project (activities done; goal of project; results; etc.)

This project studied the effects of human activities on nearby bodies of water, particularly freshwater salinization syndrome. The majority of Ash's time working with Dr. Sujay Kaushal on this project was spent collecting samples from nearby bodies of water and testing those samples in the lab. They will report their results to the USGS.

What were the main benefits (intellectual, personal growth, etc.) the student received from doing the project?

The main benefits that Ash received from this project were experience working in a lab setting with harmful chemicals. This experience increased her comfortability with harmful chemicals. She joked about getting corrosive chemicals on herself every time she was in the lab.

What were the main pitfalls or obstacles during the development and/or undertaking of the project?

The lab was slow sometimes, which could be boring. Collecting samples could also be difficult and messy. However, Dr. Sujay Kaushal was helpful.

Would you recommend this project to future Scholars students?

She would recommend this project to future scholars because Dr. Sujay Kaushal was very helpful and it gave her important experience in a lab setting.

Poster 2:

Student Name: Alaine Santhuluri

Student Major: Neuro Science

Scholars Program: SGC

Title of Project: Surgery at Walter Reed

Class Code: CPSG230

Briefly describe the nature of the project (activities done; goal of project; results; etc.)

Alaine worked at the Walter Reed National Military Medical Center. During this project she went back and forth between operating rooms and observed the surgeries that were being performed. She mostly observed smaller, more common surgeries, like hernia and appendix related surgeries.

What were the main benefits (intellectual, personal growth, etc.) the student received from doing the project?

She got to observe the daily tasks that surgeons perform, as well as their lifestyles. Surgeons live busy lives and work long shifts, which she will take into consideration when deciding on a future career path. She also said that watching all of the work that goes into diagnosing people and coming up with the best course of action gave her a new appreciation for people that work in the healthcare industry.

What were the main pitfalls or obstacles during the development and/or undertaking of the project?

She didn't have the clearance to watch some of the more interesting surgeries. Some of the doctors were also disrespectful to her.

Would you recommend this project to future Scholars students?

She would recommend this project to future SGC scholars because it gives you perspective on the amount of work that goes into diagnosing people and getting them to cooperate.

Poster 3:

Student Name:Arnav Kulkarni

Student Major:CS

Scholars Program:SGC

Title of Project:CPSS340

Class Code: CPSS340

Briefly describe the nature of the project (activities done; goal of project; results; etc.)

This class studied hard and soft infrastructure in college park. Arnav studied Elicott city and accessibility in particular. He found that UMD was accessible as far as doors having buttons to open automatically, but had a lack of ramps, particularly near the math and physics buildings.

What were the main benefits (intellectual, personal growth, etc.) the student received from doing the project?

This class made the student start caring about infrastructure and the effect it has on people lives. Before he was apathetic towards the struggles that people with disabilities go through but now he understands how hostile infrastructure can be towards them.

What were the main pitfalls or obstacles during the development and/or undertaking of the project?

UMD generally doesn't want to enact any of the changes because they would be expensive to fix. Building newer buildings instead of fixing the old buildings seems to be their solution to their infrastructure problems.

Would you recommend this project to future Scholars students?

He would recommend this class, it's eye opening and it gives you the opportunity choose your experience with the course.

Poster 4:

Student Name: Vu Truong

Student Major: Mech eng

Scholars Program: ETE

Title of Project: Anti Repair practices in the electronic industry

Class Code: CPSP359S

Briefly describe the nature of the project (activities done; goal of project; results; etc.)

This project was about the electronic repair industry's anti repair practices. Companies purposely make their products difficult to repair on your own so that they can make money through their repair services and force you to buy more products. The student advocates to solve this problem by putting right to repair laws in place.

What were the main benefits (intellectual, personal growth, etc.) the student received from doing the project?

It helped the student better understand the tech industry and the predatory practices companies like Apple use. It also gave him experience doing research.

What were the main pitfalls or obstacles during the development and/or undertaking of the project?

There isn't a lot that he felt he could do with this research because companies don't care about ethics. The project was also mostly self led.

Would you recommend this project to future Scholars students?

He would recommend this project because it sparked an interest in research.

Poster 5:

Student Name: Arshiya Sah

Student Major: Finance

Scholars Program: JLT

Title of Project: Terps Exceed

Class Code: CPSG230

Briefly describe the nature of the project (activities done; goal of project; results; etc.)

This student worked as a TA for TerpsExceed, which is a program that helps people with disabilities receive post secondary education for 2 years. The Arshiya worked with the students in the program to help them reach their long term goals for their education and career.

What were the main benefits (intellectual, personal growth, etc.) the student received from doing the project?

The student values this opportunity because she got to work with different people and help them succeed in their different interests. She also enjoys outreach work, which she also did in high school.

What were the main pitfalls or obstacles during the development and/or undertaking of the project?

TerpsExceed is a fairly young program, only being 2 years old. The program's lack of notoriety made it difficult to find resources and internships for the students in the program. The student's interests also changed frequently, which made it difficult to adapt to their new plans.

Would you recommend this project to future Scholars students?

Arshiya would recommend this project to future scholars, she enjoyed meeting new people and getting the opportunity to teach.