

## >>> ORIENTATION DAY

On July 4, 2023, the STEAM Design program welcomed 50 high school students from across the Greater Toronto Area to the Medical Sciences Building at the University of Toronto, St. George Campus for the Summer 2023 program! Students were served a continental breakfast and completed onboarding procedures including a photo shoot for their yearbook and orientation session. In the afternoon, they were invited on a guided tour across campus led by representatives from the Central Recruitment and Admissions Office.



## >>> INTRO TO DESIGN THINKING AND RESEARCH QUESTIONS

Speaker: Chidalu Edechi

Students were introduced to 10 research prompts and selected one for their summer STEAM-D research and design project. They were placed into groups based on interest. Chidalu, one of our student coordinators, delivered a presentation on "Intro to Design Thinking and Research Questions" to provide the project overview and timeline. We are so excited to see how the STEAM-D students address the research prompts this year. Stay tuned for the Final Presentations in week 4!

## >>> SICKLE CELL AWARENESS

Speaker: Lanre Tunji-Ajayi and Thea Campbell

An insightful presentation on Sickle Cell Disease Awareness was delivered by Thea Campbell and Lanre Tunji-Ajayi, Founding President & CEO of the Sickle Cell Disease Association of Canada. As global patient advocates, they discussed the symptoms, treatments, inheritance patterns, and screening surrounding Sickle Cell Anemia. They highlighted the stigma that people with sickle cell face in their everyday life and talked about a new quality standard launched by Ontario Health to improve care for people living with Sickle Cell Disease. Thank you for sharing your passion and knowledge with us!



## >>> 3D PRINTING SESSION

Speakers: Wei Fang Dai, Kevin Ho, Elaine Liu

Students ended off the week with a 3D printing session. Wei Fang Dai, Kevin Ho, and Elaine Liu from the "3D printing in Medicine Club" spoke about the three steps of 3D printing: design, slicing, and printing. The role of 3D printing in increasing accessibility and sustainability in the medical field was also highlighted. At the end of the session, students created their own 3D printed keychains!