TCNJ THE COLLEGE OF NEW JERSEY

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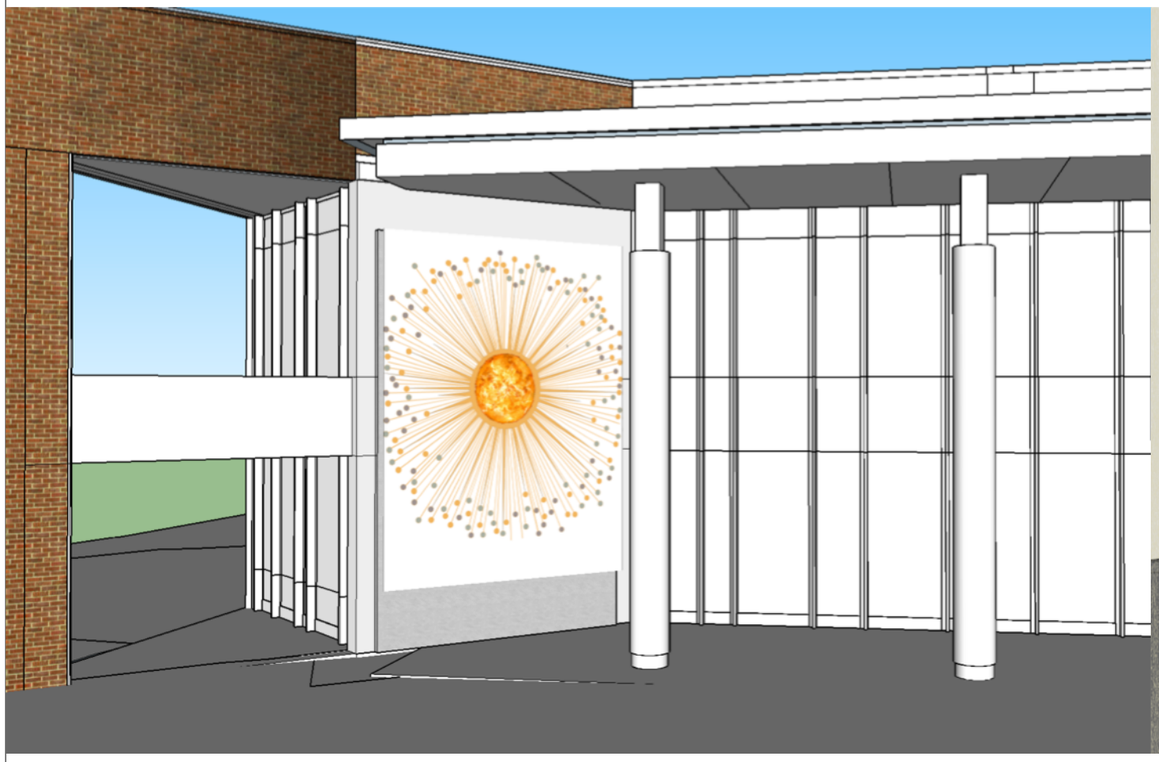
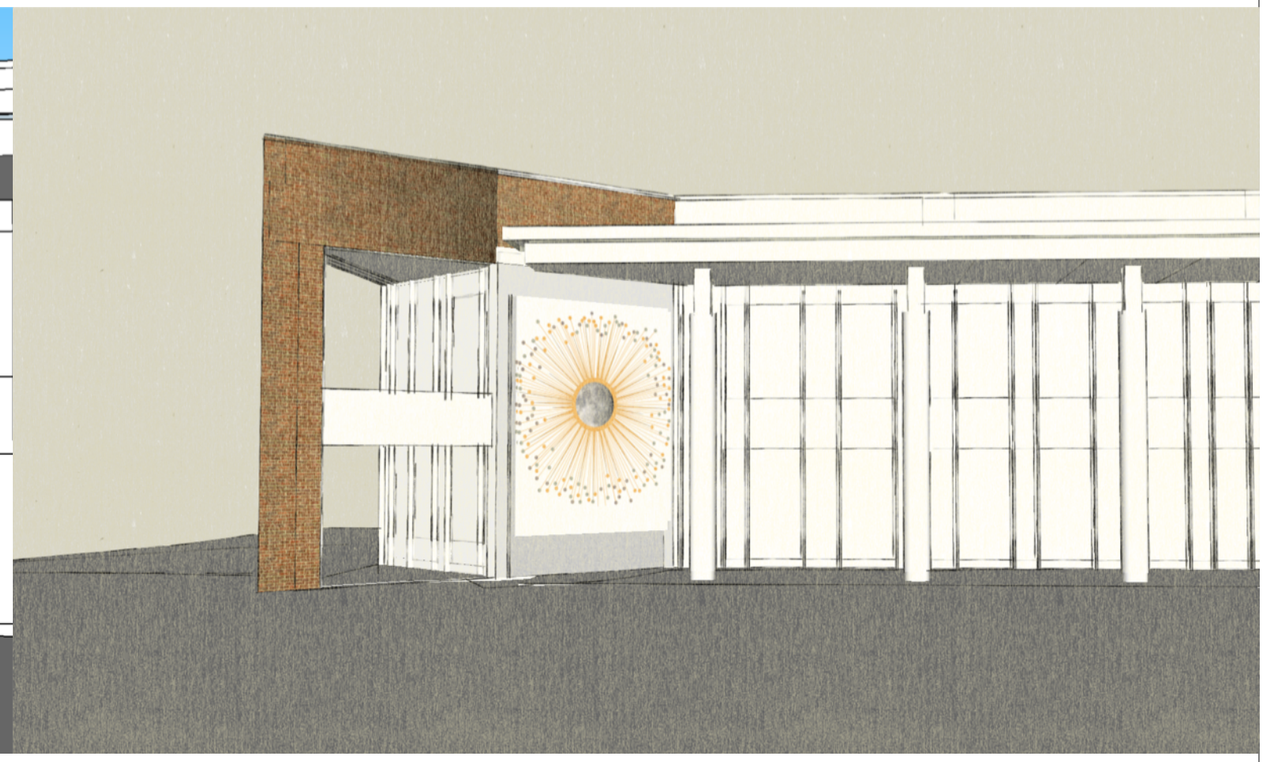
Brower Student Center

Hand-hammered discs of silver and golden metals scatter reflected sunbeams.

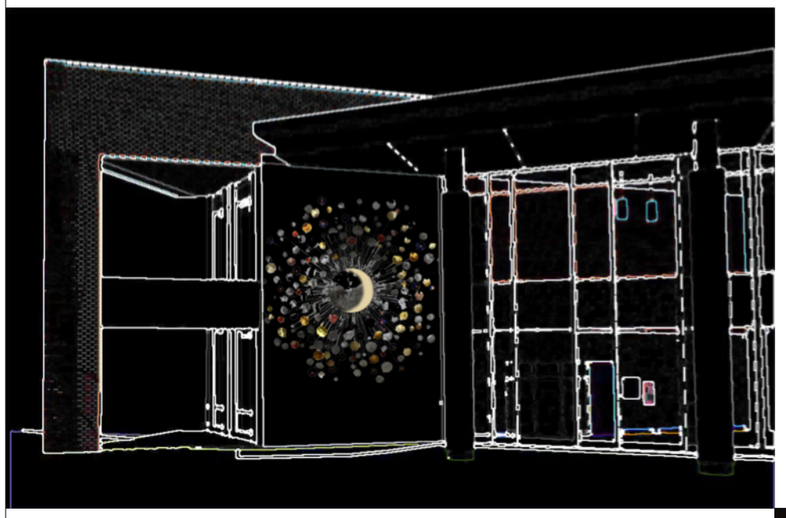




The design of the new sculpture for TCNJ's Brower Student Center is inspired by both the sun and the moon. It will be a timeless artwork celebrating celestial bodies within the context of the Georgian architecture of the campus.

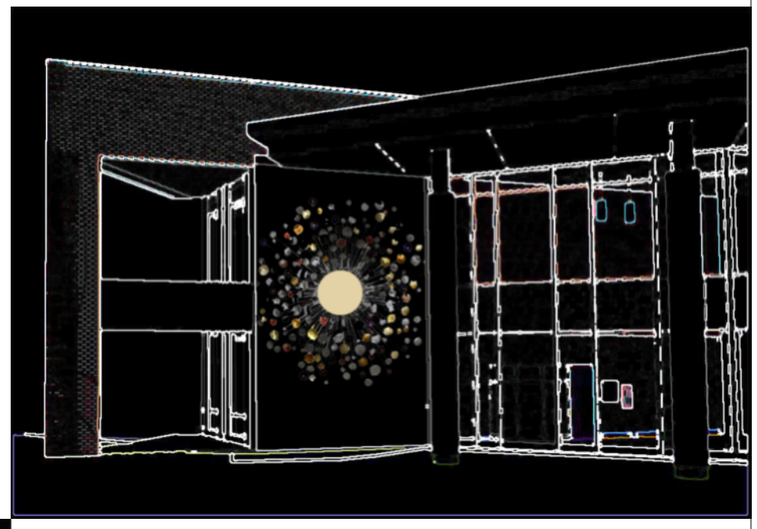
During the day the composition will be a bright colorful sun made out of inlaid metal on a field of precast white cement. At night integrated LED lights will turn the focus of the composition to the moon. As the lunar month progresses and moon phase changes, the light program will indicate the phase of the moon, giving students unparalleled insight into the night sky.

At night the central disc will have programmed LED lights that will indicate the phases of the moon.



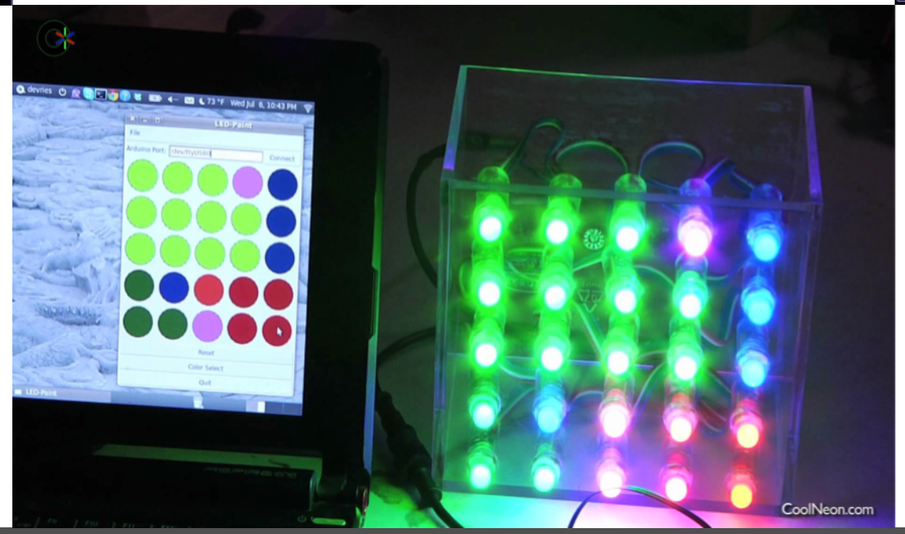
During the day the LEDs will portray the sun, and gradually fade into the moon program.

The materials are terrazzo (red and white metals inlaid into a cementitious matrix) with a central etched glass disc illuminated from behind. The central bezel shows a changing composition of lunar phases at night and bright sun during the day.



Kaman and Erland will collaborate with other established lighting programmers such as the Klip Collective to develop a simple and powerful lighting design with a long term life expectancy and minimal ongoing maintenance.

Future upgrades to these technology systems will be considered and addressed. Improvements will be able to be integrated as newer and more sophisticated technology emerges.



Individually programmable LED lights will make up the "pixels" on the LED screen. A controller will cycle through the phases of the moon. An Arduino lighting program with multiple years worth of moon phase and sun revolutions can be supplied as part of the original artwork.