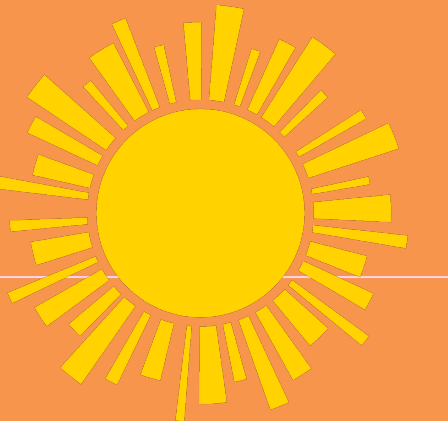




# Beyond the Blueprint: My Whiting-Turner Internship



COLLEGE PARK  
SCHOLARS

Elizabeth Spencer | [espence4@terpmail.umd.edu](mailto:espence4@terpmail.umd.edu)

College Park Scholars - Science and Global Change | CPSP 359G | Civil Engineering  
College Park Scholars Academic Showcase, May 3, 2024



Downtown Baltimore from the top of the South Tower

## Introduction

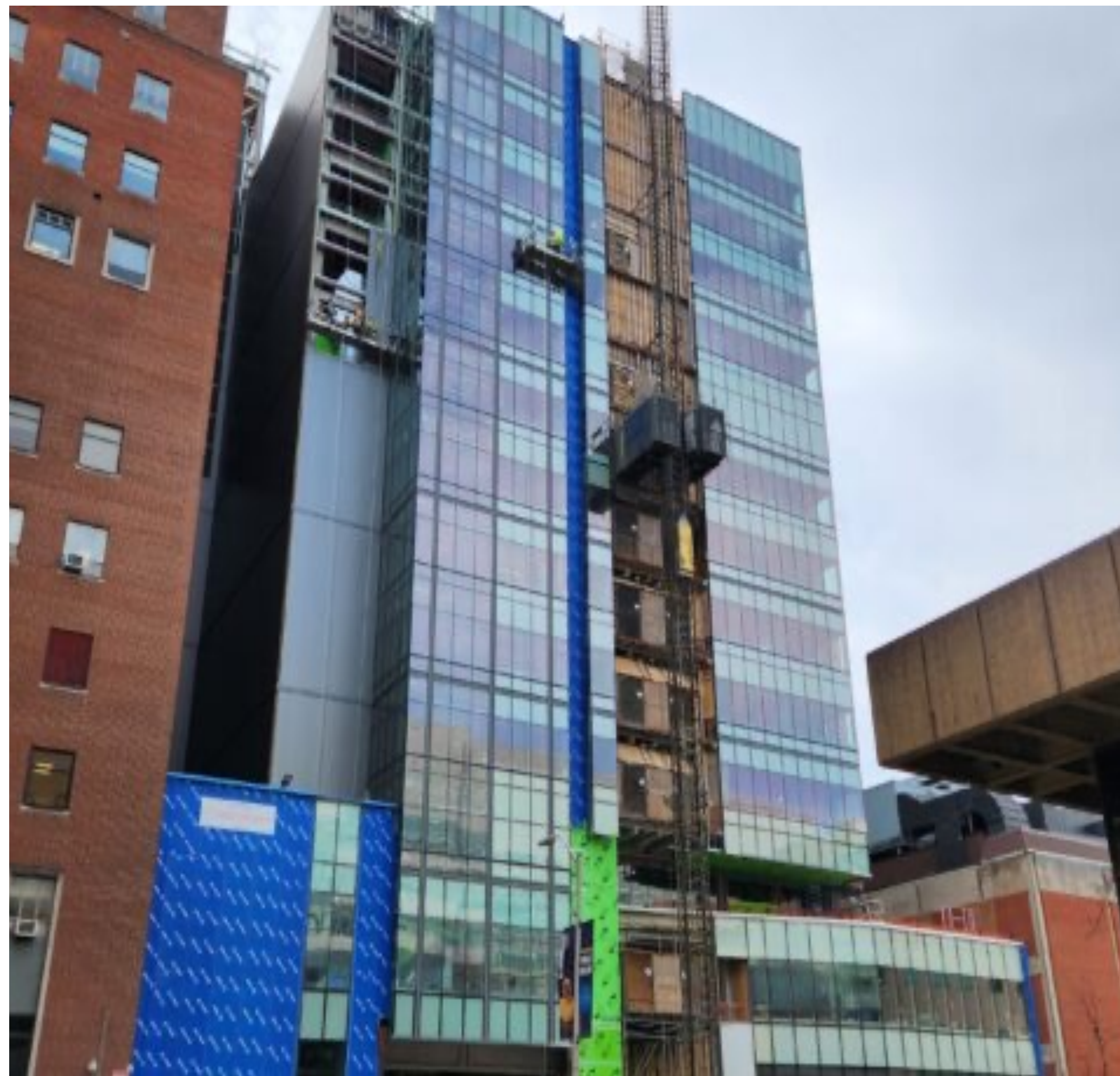
During the summer and winter of 2023, I had a Project Engineer internship with Whiting-Turner. I was placed at a site in East Baltimore, Maryland on the Interior finishings team. I worked directly on the CMSC renovation and North Tower addition of the Johns Hopkins Hospital main campus.



North tower being topped out

## Responsibilities

I worked closely with the WT team to complete RFI's (Requests for Information) this entailed asking for clarifications on drawings and submittals provided to the subcontractors. I also created submittals ensuring the correct materials were being installed and ordered. I completed walkthroughs of the new lab space with subcontractors and hospital supervisors to ensure quality. I also completed quality checks as well as closing out punch list items.



North tower addition closed in at Johns Hopkins Hospital

## Site Information

**Direct Supervisors:** Cristina Alarcon and Chris Sowers

**Address:** 1757 E. Monument St., Baltimore, MD 21205

**Owner:** Johns Hopkins Health System

**Architect:** Ayers Saint Gross

**Project Description:** 454,000 SF of construction, consisting of a 14-story 171,000 SF North Tower addition and 284,000 SF of renovations covering 11 stories within a 24/7 operational hospital. The duration of the project is 4.5 years.

## Impact

This experience allowed me to witness firsthand the project management aspects of the engineering process. It also revealed a lot of the intricacies of the teamwork process when it comes to commercial construction.

## Future Work

After my 2023 summer internship I was fortunate enough to be asked back for the 2024 summer program as well as for several weeks over winter break.

## Acknowledgements

I want to thank Dr. Holtz and Dr. Merck for an amazing Scholars experience. I also want to extend huge thank you to my team and mentors at Whiting-Turner.



A 3D rendering of the north and west towers done by the architects at Ayers Saint Gross

## Citations

"CMSC North Tower Addition." *Whiting*, Whiting-Turner, 16 Mar. 2023, [www.whiting-turner.com/in-progress/cm-sc-nta/](http://www.whiting-turner.com/in-progress/cm-sc-nta/).  
*Renderings of the CMSC project.* *Bizjournals*, <https://www.bizjournals.com/baltimore/news/2020/04/09/johns-hopkins-hospital-adds-another-element-to.html>.  
All other Images taken by me.



SCIENCE AND  
GLOBAL CHANGE



WT  
WHITING-TURNER