



Becoming One with Infrastructure

Alyssa Taylor

College Park Scholars – Science & Global Change Program

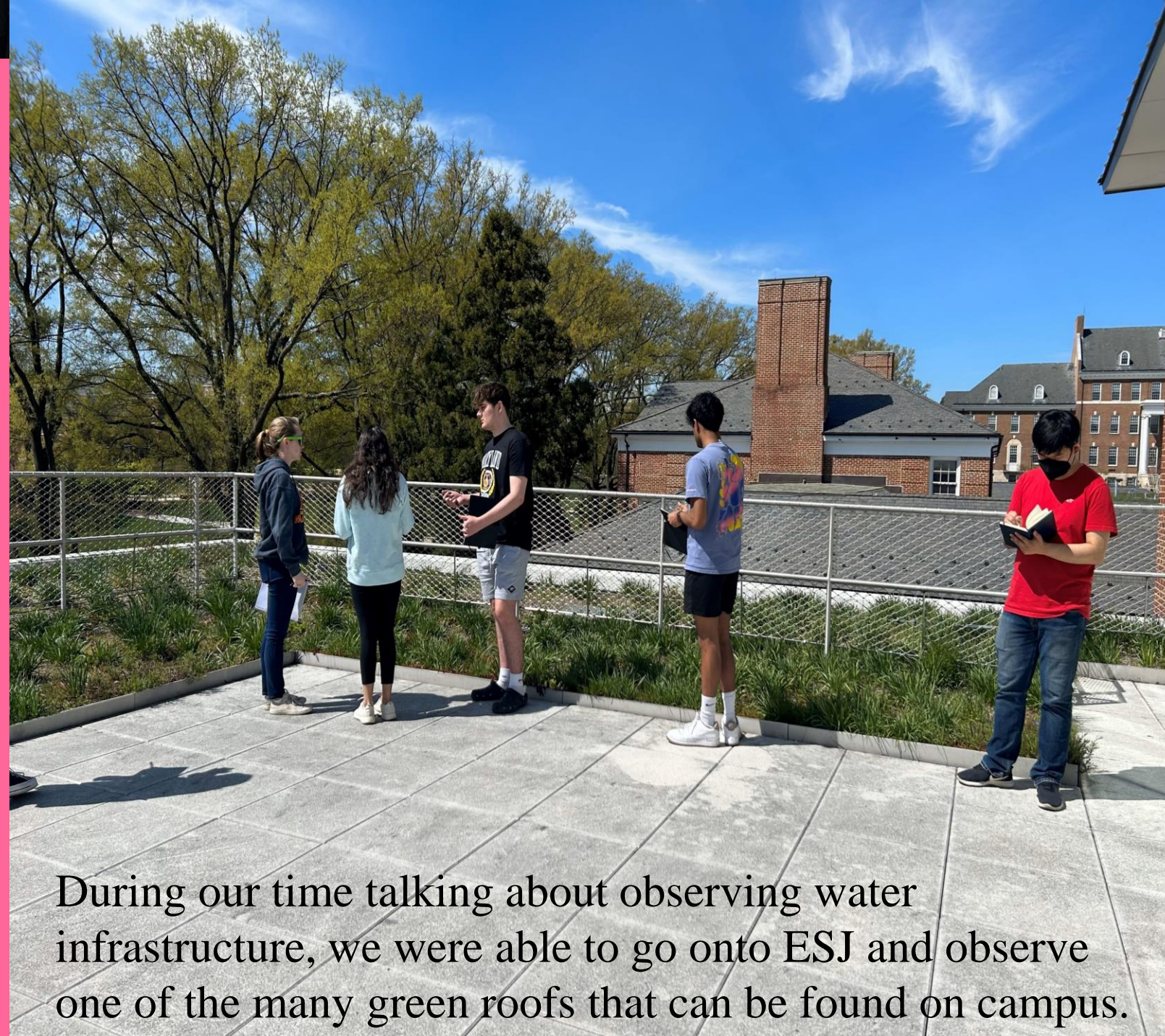
Major: Materials Science and Engineering

ataylo21@terpmail.umd.edu

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Memories:



During our time talking about observing water infrastructure, we were able to go onto ESJ and observe one of the many green roofs that can be found on campus.



This was during our food infrastructure unit where we used the other senses before tasting them to notice how they may vary in comparison to other foods.



During one of our classes, we had guest speakers come in who were working to advocate for bike lanes at UMD.

Course Description:

Name of course: CPSS 340

Professor: Nicole Mogul

Class goals:

- To understand the importance of infrastructure and how overlooked it's been in recent decades
- Understand the consequences as a result of these undermaintained pieces and how it affects different groups of people
- Understand the importance of infrastructure to a functioning, productive society
- Explore the social and political barriers to the proper maintenance and building via infrastructure
- Gain hands-on experience practical knowledge about infrastructure assessment by researching our own piece of infrastructure
- Work with those who make an impact on today's infrastructure

Activities:

- Analyzed pieces of infrastructure both on and off campus and from in the classroom by taking a closer look you wouldn't normally look at from first glance
- We visited around the City of College Park Economic Building, went to the Memorial Chapel on the south side of campus, have seen a few of the green roofs and got to visit the apiary here on campus
- Guest speakers
- Talked about infrastructure and used other group activities to better connect to our topic of discussion for the day whether it was improve exercises, group discussions about an article or video, or doing individual research about a specific topic and report back our findings

Impact:

This has allowed for me to see the hidden sides of infrastructure that I never would've noticed otherwise. Also, being able to learn about the different stories behind a piece of land allowed for me to remember that there are always new possibilities in infrastructure.

Future Work:

Given that I aspire for being an engineer in the future, I'll use what I've learned in this class to be able to properly design anything infrastructure to allow for it to be better maintained and not just methods to go about building. I'll use what I know to make sure that the focus of infrastructure related projects also make sure to have a plan for maintenance after being developed

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