



STEM Equity In Action Day Contest held on September 10th, 2024

"What will you Share with your Students from STEM Equity in Action Day?"

"Takeaways from STEM Equity in Action Day"

By Jordan Estock, Second Place Winner

10th Annual Delaware STEM Educator Awards

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Thank you for the opportunity to visit two global companies, Air Liquide Innovation Campus and Agilent Technologies, both of which are located right here in Delaware.

While at Air Liquide I was able to present to a team of executives, managers, and engineers. After sharing with them the background of Concord High School's award-winning engineering program, we were able to discuss ways in which Air Liquide could help contribute to our success.

I invited Air Liquide to serve on our Engineering Program Advisory Committee. I also invited them to join us at the culminating event of our engineering pathway known as Design Day. This event is part of our Work-Based Learning model where students present their year-long projects to a panel of external evaluators made up of engineering professors from UD and Delaware Tech as well as engineers from other local Delaware companies. We are excited to have Air Liquide partner with us on both of these efforts.

I also visited Agilent Technologies and was able to tour their Center of Excellence as well as their manufacturing facility where they make gas chromatography equipment.

Both Air Liquide and Agilent tours left me with two reassuring takeaways. The first is that my students are using the same state-of-the-art technologies both global companies are using, such as laser cutters, 3D printers, and CNC routers. The second is the importance of working in teams and the ability to communicate between these teams to solve real-world problems together.

