

Successful completion OF IOWA STEM TEACHER EXTERNSHIP



For the past several summers, Corteva Agriscience has hosted the Iowa Governor's STEM Teacher Externship program at the Johnston Global Business Center in the Soybean Genome Engineering Lab.

This program helps teachers transfer their learned knowledge back to their classroom and nurture the next generation of inventors and problem solvers. In addition, this "pay it forward" program prepares the next generation of thinkers who could help improve the quantity and quality of our global food production.

This year, Ellen Loyd, who will be starting her high school teaching career at Waukee, successfully completed the program. During the summer, Ellen learned the technologies related to Soybean Genome Engineering and Biotech product development. She collaborated on a project to develop a high-throughput early insect screening assay to transiently test potential insecticidal proteins. During the program, she connected by "coffee chat" with over a dozen scientists and business leaders across Corteva. This wealth of knowledge and network of connections will help her enrich her classroom experience for her students.

Ellen states, "It was nice to see that Corteva Agriscience uses common science and simple solutions to solve complex problems. I hope to work with folks that are at least half as cool as you all are!"