

# THE POWER OF GENETICS

EXPLORING THE UNIQUE TRAITS THAT DEFINE US



**DR. EMILY MAUCH-SWINFORD**  
Geneticist

It's not a secret that internships are a valuable investment when you're trying to determine your future career path. Not only do they provide "real-world" experience, but they also teach you aspects you like and don't like in a job. In fact, Dr. Emily Mauch-Swinford discovered her love for research through a summer internship with Corteva.

Mauch-Swinford grew up on a farm in Bondurant, Iowa, and spent her summers interning at Corteva, conducting research trials for the company.

**"Those internships exposed me to the possibility of getting a Ph.D. and the value of research to improve commercial production," she said. "Genetics has always been a fascinating area of biology for me, so I knew this was the perfect career path for me."**

Mauch-Swinford received her Bachelor of Science in Agriculture from Truman State University in Kirksville, Missouri. She

then continued her education at Iowa State University in Ames, Iowa, where she received her Ph.D. in genetics and genomics.

She joined DNA Genetics' robust team of geneticists nearly 6.5 years ago. As one of the team's quantitative geneticists, she spends most of her day analyzing new data sets and utilizing the newfound information to quantify and measure genetic improvement. She also works closely with the genomic data to help foster quicker genetic gains.

Of course, Mauch-Swinford loves the challenge of genetics, but her favorite part of her job is helping others achieve their goals – big or small.

**"Like everyone in our company, my work impacts the swine industry by improving the quality of the pigs we deliver to commercial producers," she said. "Our success is their success, which leads to food security for our friends and family."**

When asked about what she is most looking forward to, she said, **"I'm looking forward to seeing how DNA Genetics continues to outpace our competition by delivering consistent genetic gains that win for everyone day in and day out."**

In her free time, Mauch-Swinford enjoys spending time outdoors with her family and listening to audiobooks.

To learn more about DNA Genetics' robust genetics program, visit [dnaswinegenetics.com](http://dnaswinegenetics.com).