



## CASE STUDY

MONSANTO  
imagine®



### Who:

Bret Woodward, Muscatine High School, East Campus  
Nick Scheetz, Washington High School  
Shawn Schrader, Monsanto Plant Manager in Muscatine

### What & When:

Iowa STEM Teacher Externships Program, Summer 2015

### Where:

Monsanto in Muscatine, Iowa

### The Story:

Teachers Bret Woodward and Nick Scheetz from the Southeast Iowa STEM Region joined the Monsanto team for their Iowa STEM Teacher Externships experience, supported by the Iowa Governor's STEM Advisory Council. They not only worked on a statistical analysis project and learned about 21st Century standards for a lab environment, but they also were able to gain true insight into a variety of different STEM career opportunities that require technical or college degrees to share with their students in their classrooms.

Learn more about Bret's and Nick's Iowa STEM Teacher Externships by watching:

[https://www.youtube.com/watch?v=O9k6f0sqF\\_k](https://www.youtube.com/watch?v=O9k6f0sqF_k)

Are you a teacher or workplace interested in participating in the Iowa STEM Teacher Externships Program, please visit:

<http://www.iowastem.gov/externships>

GREATNESS  
STEMS  
FROM IOWANS

GOVERNOR'S STEM ADVISORY COUNCIL

dedicated to building a strong STEM education foundation for all Iowans



IOWA STEM TEACHER  
EXTERNSHIPS FACT:

# 91%

of Teacher Externs indicated the experience is more valuable than other professional development they have participated in.

"I've definitely seen a few things that I would like to implement this coming year ranging from how the students are tested on their lab techniques to actually presenting them with problems, kind of like I've been given, and having them come to their own conclusion and their own solution."

—Bret Woodward

"When we bring in somebody from the outside that doesn't have the same experiences that we have, they help us think about things differently. They can always be a catalyst for us to think about new opportunities and implement new ideas."

—Shawn Schrader

