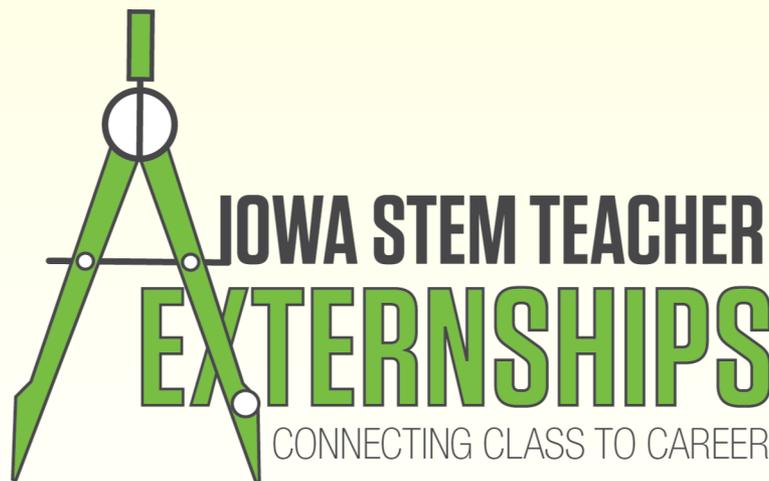


# *Iowa STEM Teacher Externships:*

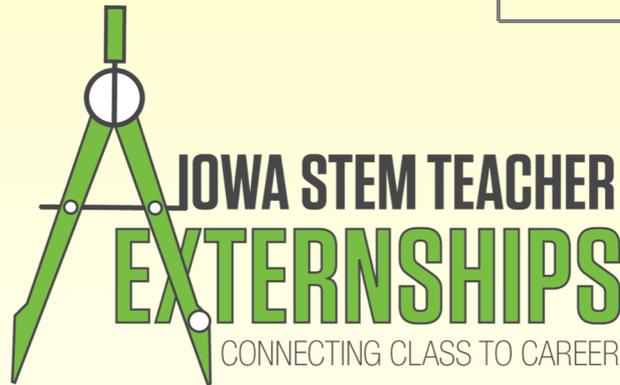
*Why Students, Schools and Employers Benefit*



Funded by National Science Foundation Grant #DRL-1031784  
along with investments by Iowa business and industry partners, the REAP-Conservation  
Education Program and the State of Iowa through the Governor's STEM Advisory Council.

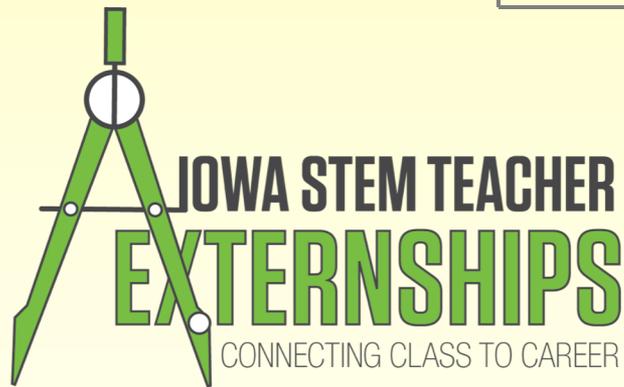
**Our Program: <https://iowastem.gov/externships>**

**This Presentation: <https://tinyurl.com/y9vntww7>**



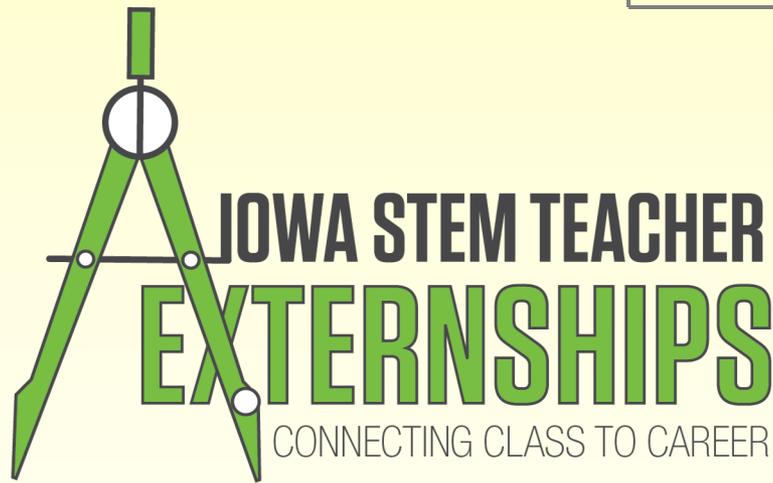
## What is an Externship? Teacher Information

- Six week experience with great flexibility in the daily and summer schedule
- Stipend of up to \$4800
- One graduate credit from the University of Northern Iowa
- Two hours of AEA license renewal credit (optional)
- Guidance from extern mentors is given during the entire experience
- Two orientation meetings are held before the Externship begins
- Teachers are expected to complete a full application, document time, provide pictures and a description of the Externship, participate in on-line discussions and create a project based lesson that connects the lessons of the Externship to the classroom
- The Externship is close to home and the teachers interests and skills are matched to the needs of the extern host
  - No experience is needed, just a willingness to learn and grow!



## What is an Externship? Extern Host Information

- Six week engaging experience for the teacher – flexibility in the daily and summer schedule may be needed
- Teachers can work on single or multiple projects and can include a job shadowing component to allow the extern to get a big picture view of the host organization
- Teacher skills and interests are matched to the extern host via the teacher application
- A well planned experience matching the skills of the teacher and needs of the extern host will result in the greatest return on the investment of the host
- Multiple cost sharing options (\$6000, \$3000, minimal cost). We offer a tax-deductible 501c3 account for the investment.



[STEM Teacher Externships – Des Moines Public Works](#)

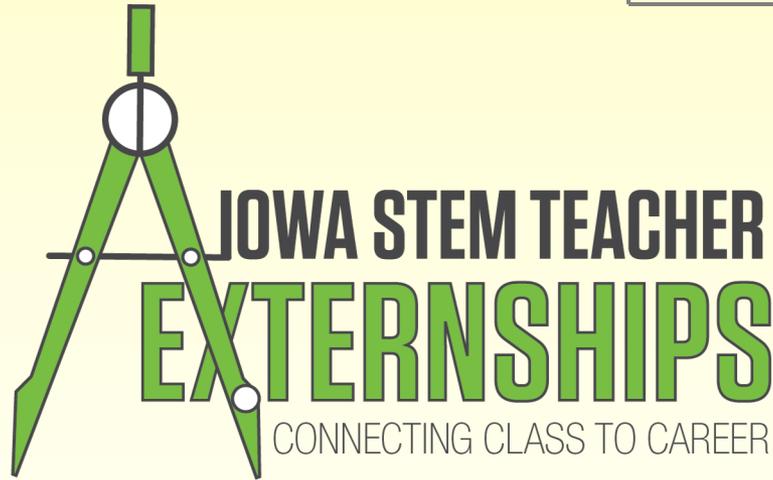
[STEM Teacher Externship – Rosenboom Machine & Tool](#)

[STEM Teacher Externship – Monsanto](#)

[STEM Teacher Externship – Central Iowa Healthcare](#)

[Be an Extern!!](#)

[Become an Externship Host!!](#)



# IOWA STEM TEACHER EXTERNSHIPS

CONNECTING CLASS TO CAREER



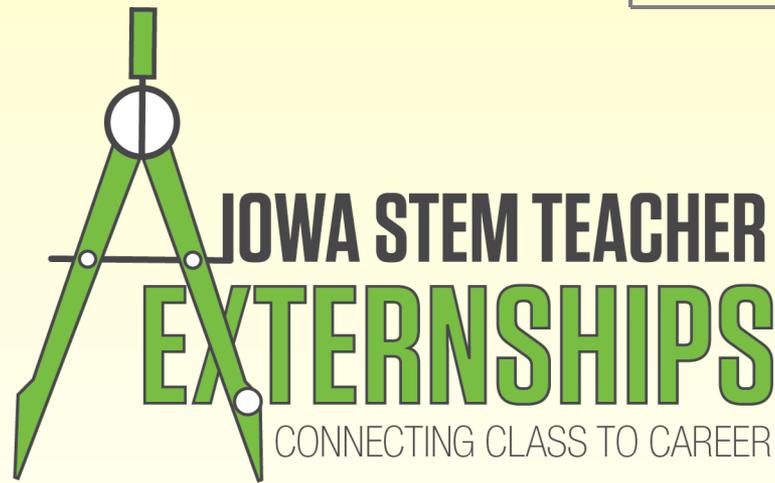
**Laura Albrecht**

@lauraalbrecht22

Follow



Single greatest experience I had as a teacher!  
6 weeks in the lab w/ [@MonsantoCo](#) working  
directly with scientists while developing,  
creating, and executing opportunities for my  
students [#takemeback](#) [#FutureReadySummit](#)

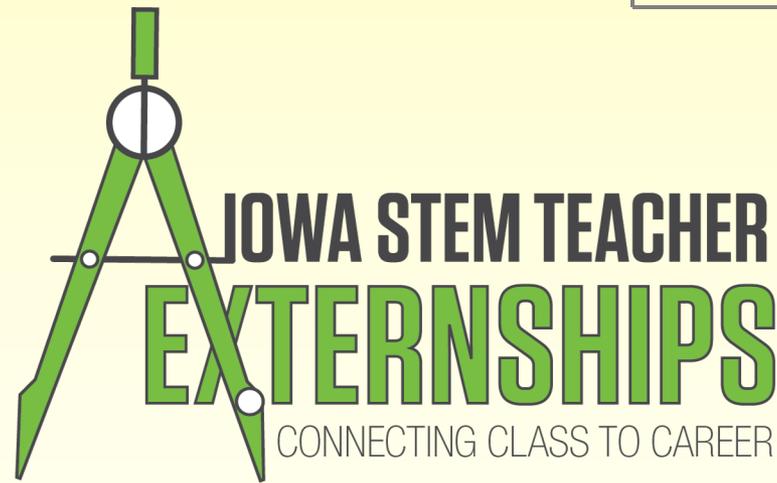


## Examples of STEM Teacher Externships by Subject Area/Career Field

[DNR/Outdoor Learning Experiences](#)

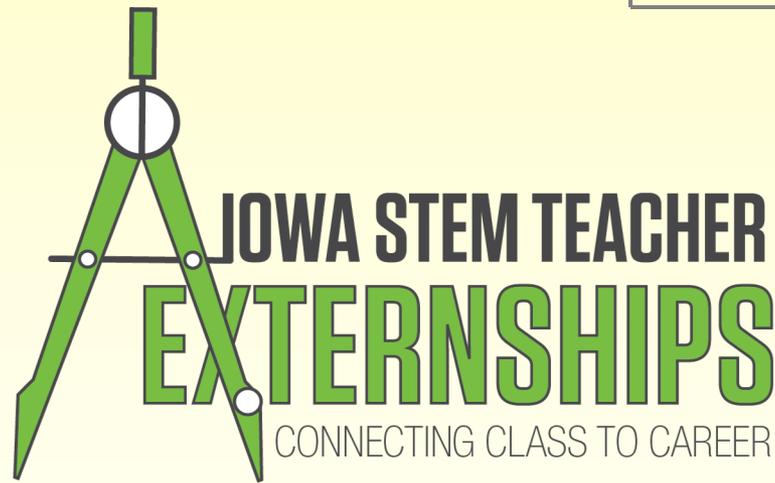
[Engineering/Manufacturing Experiences](#)

[Technology/Mathematics Experiences](#)



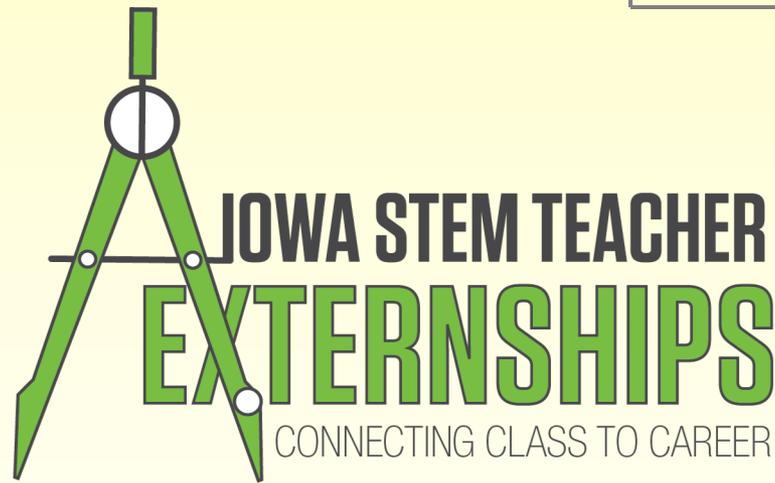
## Today's Discussion

1. Externships are a win for students and a win for teachers. How are they a win for you?
2. Are there any highlights in terms of projects the teachers have worked on, return on the investment in an externship or teacher/school collaboration you would like to share?



**3. Can you address and alleviate any concerns an organization may have about hosting a teacher extern?**

**4. How has a project approach to externships helped to manage the experience better? (Job Shadow vs. Externship)**



**Thank You To Our Panel Members:**  
**Grace Swanson – Accumold**  
**Amber Pargmann – John Deere**  
**Christina Boar – Monsanto**  
**Tony Kelly - Monsanto**

**Our Program: <https://iowastem.gov/externships>**  
**This Presentation: <https://tinyurl.com/y9vntww7>**