



**Summer Teacher Externship Application**  
(Partnership with OUHSC and the Oklahoma State Department of Education)

**ABOUT OU HEALTH SCIENCES CENTER:**

The University of Oklahoma Health Sciences Center is one of only four comprehensive health centers in the nation with seven health professional colleges, which include the Colleges of Allied Health, Dentistry, Nursing, Medicine, Pharmacy, Public Health and the Graduate College. As the state's only comprehensive health center the University of Oklahoma Health Sciences Center aims to provide the most cutting edge technology, research, education and patient care for the state. OUHSC employs more than 1,200 full time faculty and nearly 4,000 staff. More than 3,500 students are enrolled in more than seventy health professions, undergraduate and graduate degree programs in the Center's colleges.

**PROGRAM MISSION:**

Our mission is to connect business leaders with teachers to transform the classroom experience, inspiring students to become the next generation of innovators. This program places committed teachers into paid externships in companies in STEM fields so they can experience first-hand what careers might look like for their students. Through their job experiences, these teachers develop the skills and insights to make their teaching come alive in order to inspire their students.

Externships serve as a professional development vehicle for teachers to learn about the industry related to their campus programs. By engaging with and in industry based practices, teachers are better able to craft curriculum that is meaningful and relevant.

**SCHEDULE AND COMPENSATION:**

**Dates:** June 4 thru July 31, 2018 - mandatory June 4<sup>th</sup> lab safety meeting; not necessary to be present each week day in this time period (sign-up for rotation through multiple departments)

**Compensation:** \$15.00 hourly

## PROGRAM GOALS:

### 1. Career Exploration

Preparing students for the future workforce is a tremendous responsibility being placed upon the classroom teacher. This exploration requires exposing students to the skills expected from industry as a member of a global community. As STEM education becomes a topic of national importance, teachers need to increase the use of authentic learning experiences for students in the classroom. This real-world application is accomplished by giving teachers the tools and resources to continuously develop their own skills and knowledge in STEM methods, teaching techniques, and relevant use of problem solving processes.

### 2. Engineering Design and 21<sup>st</sup> Century Skills

Teachers need to have experience and understanding of how 21st century skills and the engineering design process are being utilized in the corporate workforce to solve technological challenges. By using teacher externships as a professional development model, teachers gain first-hand knowledge of how companies are using the engineering design process and 21st century skills to be competitive in the workforce. The externship, along with targeted professional development, creates opportunities for improved teaching practices through increased frequency of STEM teaching techniques in the classroom.

## OSDE SUPPORT:

The OSDE STEM Team is equipped to bring focus to the experience so that it has impact on classroom instructional practices

## STEM Educator Externship Expectations:

- **Pre-Virtual Meeting** - Educators participating in STEM externship will be prompted with things to look for that might connect to their STEM classroom.
- **Weekly Inspection/Reflection Questions** - Educators participating in STEM externships will respond to weekly questions that allow for reflection on the experience regarding practical application and inspection of their classroom practice.
- **Post-Virtual Meeting** - All educators participating in STEM externships will be prompted to reflect on connections to their STEM classrooms and ways in which they can share those reflections with a broader audience of educators through blog posts, podcasts or videos.

**EXTERNSHIP APPLICATION:**

Name:

Date of Birth:

U.S. Citizen:

Home Address:

School Information:

Phone:

E-mail:

Education/Degrees:

Employment/Teaching Background:

Previous and Current course(s) and grade level(s) taught:

List any professional development, awards, research or other information you would like us to consider.

Rank your proficiency in the following skills and computer programs:

	No experience	Little experience	Proficient	Advanced Experience
Word Processing				
Power Point				
Excel Spreadsheets				
Blogging				
Social Networking				
Skype				
Programming				
Online Surveys				
Databases				
Online video sharing				

What would you like to know or learn through this externship?

If offered an Externship, how do you foresee using knowledge gained in your classroom setting?

Provide two references:

Reference #1

Reference #2

**Applications due to Robyn Miller by May 29, 2018**  
**[Robyn.Miller@sde.ok.gov](mailto:Robyn.Miller@sde.ok.gov)**  
**Notification of acceptance will be made by June 1, 2018**