GOALS
Learn how you can engage students in STEM learning in the classroom and broaden students’ knowledge of animal health careers by:
• Increasing your knowledge of viruses, bioinformatics, genetics, recombinant DNA technology, molecular biology and statistics;
• Integrating topics in animal health biotechnology into your classroom;
• Introducing your students to career and education pathways in animal health; and,
• Connecting with industries in the Animal Health Corridor.
Ultimately, you will help inspire a more diverse group of high school students to pursue careers in animal health ranging from veterinary care to research and development of vaccines to protecting the nation against serious animal diseases at the National Agro-Biodefense Facility, which is currently under construction at Manhattan, Kansas.

GENERAL INFO
This three-week workshop will take place at K-State’s Olathe campus, located on College Boulevard, just east of K-7.

Schedule:
The course will be held from 9 a.m. to 4 p.m. each day and include hands-on laboratory experiences, guest speakers, career and educational pathways in the animal health industry, and industry tours. Teachers will be provided classroom materials and have ample opportunity to develop/test classroom lessons.

Week One (June 1-5, 2020):
Laboratory work, Guest speakers, Industry tours

Week Two (June 8-12, 2020):
Laboratory Work, Guest speakers, Industry tours

Week Three (June 15-19):
Career and Educational Pathways, Lesson Development and Testing

TEACHER STIPEND
• Participating teachers will receive a $3,500 stipend to cover their professional involvement and travel costs from home to the K-State Olathe campus.
• The teacher stipend will be paid in two installments, 70% at the completion of the workshop and 30% at the classroom delivery of the lessons developed as part of the workshop.

WHO CAN APPLY?
High school science or engineering teachers in the Greater Kansas City metropolitan area committed to integrating animal health laboratory techniques and career information into their classrooms. The workshop is limited to six teachers.

Requirements
• A minimum of three years of prior teaching experience
• The ability to commit to the full three-week workshop
• Familiarity with implementing Next Generation Science Standards and phenomena-lead instruction
• Support from building administrator (principal, science coordinator, engineering coordinator) in implementing animal health lessons and career and educational pathways into your classroom.

DEADLINE FOR APPLICATION
Applications are competitive and available at olathe.k-state.edu/ahworkforce.
Successful applicants will be notified no later than March 30, 2020.

For more information, contact:
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