An estimated 250,000 public health workers will be needed by 2020.*

In one year, SHL held 66 STEM events to teach nearly 7,600 students about public health careers.

*Source: Association of Schools of Public Health
Opportunities for Career Development

PARTNERSHIPS
Partnerships are at the heart of our work. We collaborate with students, teachers, businesses, colleges and other groups at the local, regional and national levels to train the current workforce and inspire the next generation of environmental and public health laboratory scientists. Learn more about our education and training programs via our website: shl.uiowa.edu.

LABORATORIES
• The Hygienic Laboratory provides career development and training for the environmental and public health workforce, including sentinel laboratorians, county sanitarians, water and wastewater operators, emergency management partners and policymakers.
• Trainings include in-person events, such as wet workshops for clinical laboratorians, and online courses about topics like biosecurity and regulatory compliance.

K-12 STUDENTS AND EDUCATORS
• Middle and high school students gain laboratory experience through our Student Mentorship and job shadowing programs.
• In-person and virtual lessons help engage students, and tours of SHL give a glimpse of laboratory science at work.
• SHL hosts teacher externs to show STEM educators a real-world application of the subjects they teach.

STUDENTS AND YOUNG PROFESSIONALS
• Internships and practicums make it possible for college and university students to apply their knowledge by working with laboratory professionals.
• In coordination with national partners, SHL hosts environmental, infectious disease and management/leadership fellowships.
• SHL teams with Kirkwood Community College to provide hands-on training for students in the Medical Laboratory Technology associate degree program.