



# Your Future in Laboratory Science Starts Here

STATE HYGIENIC LABORATORY  
AT THE UNIVERSITY OF IOWA



# A guide to your future in

*“The only way to do great work is to love what you do. If you haven’t found it yet, keep looking. Don’t settle. As with all matters of the heart, you’ll know when you find it.”*

*— Steve Jobs*

Internships .....	4
Fellowships .....	6
Fellowship Programs .....	7
Practicums.....	8
Interesting Facts .....	10
How to Apply.....	11
Contact Us .....	11

The State Hygienic Laboratory at the University of Iowa protects and improves quality of life by providing reliable environmental and public health information through the collective knowledge and capabilities of our organization.

# laboratory science

Your next career adventure may be at the State Hygienic Laboratory. As Iowa's public health and environmental laboratory, we offer several ways for you to put your knowledge to work. Our team includes molecular biologists, microbiologists, chemists, information technology specialists, trainers, communicators and many other professionals who have distinguished the State Hygienic Laboratory as a national leader. We invite you to consider furthering your career by joining the State Hygienic Laboratory in an internship, fellowship or practicum.



# Internships

Our internship program has helped many students utilize the knowledge and skills gained in the classroom by applying them on the job at one of the nation's leading state public health laboratories. Our goal is to match a student to an internship in a meaningful way. We hope you will consider our unique internships, including those in radiochemistry, limnology, environmental chemistry, microbiology, communications, business or many other areas.

Recommendations for internship applicants at the Hygienic Laboratory include:

- Good academic standing;
- Current enrollment in a college or university;
- Working a minimum number of hours as agreed upon by the State Hygienic Laboratory and your academic institution; and
- Completion of a post-internship report.



*'The experience and amount of knowledge I learned from the State Hygienic Laboratory helped me excel in many of my classes and helped me discover what I want to do in my future career.'*

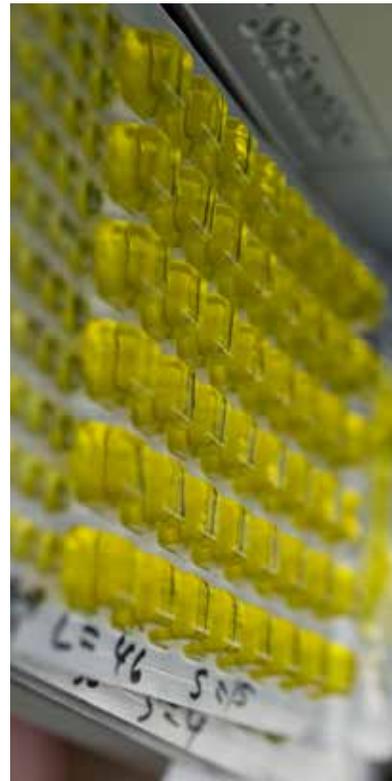
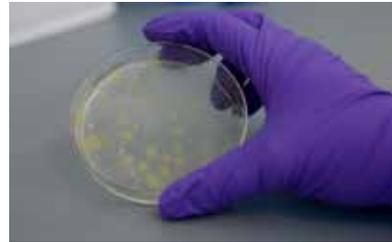
*– Kelley Fliehler  
Summer 2014 intern*

## **APPLICATION DEADLINES:**

Summer Session: April 15

Fall session: July 15

Spring Session: November 15



# Fellowships

The State Hygienic Laboratory provides bachelor's, master's and doctoral-level students with the opportunity to apply the technologies, methods and practices related to their field of expertise in a professional environment. Fellows are assigned to a particular project, with some assignments lasting as long as two years. The Hygienic Laboratory hosts fellows in collaboration with many partners, including the Association of Public Health Laboratories (APHL), the Centers for Disease Control and Prevention (CDC), Environmental Protection Agency, American Society for Microbiology, and colleges and universities.

*'This has given me the opportunity to explore different areas of public health to find what I am most passionate about while developing the skills I need to carry out that passion.'*

– Rachel Greenberg  
CDC Public Health  
Associate Program  
2013-2015



*'My fellowship experience at the State Hygienic Laboratory was a wonderful start for me to begin my professional career as a chemist for the U.S. government. My time as an APHL-CDC/NCEH Environmental Public Health Fellow allowed me to learn new skills that graduate school could never teach me, such as interacting with lawmakers in a government setting, working as a civil servant and collaborating with other scientists to achieve a common goal.'*

– Megan Mekoli  
APHL-CDC/NCEH  
Environmental Health Fellow  
2013



# Fellowship Programs



More information about fellowship programs at the State Hygienic Laboratory can be found at [www.shl.uiowa.edu](http://www.shl.uiowa.edu).

## **APHL-CDC Infectious Diseases(ID) Laboratory Fellowship**

The State Hygienic Laboratory collaborates with other agencies to provide fellowship opportunities. Sponsored by APHL and CDC, the Infectious Diseases Laboratory Fellowship Program trains and prepares scientists for careers in public health laboratories and supports public health initiatives related to infectious disease research. Find more information at [www.aphl.org/mycareer/fellowships](http://www.aphl.org/mycareer/fellowships).

## **APHL-CDC Environmental Public Health Laboratory Fellowship**

The Environmental Public Health Laboratory Fellowship Program aims to attract and prepare laboratory scientists for careers in environmental public health. Find more information at [www.aphl.org/mycareer/fellowships](http://www.aphl.org/mycareer/fellowships).

## **CDC Public Health Associate Program (PHAP)**

The Public Health Associate Program (PHAP) is a competitive, two-year paid training program with the CDC. PHAP associates are assigned to public health agencies and non-governmental organizations and work alongside other professionals across a variety of public health settings. After completing the program, PHAP graduates are qualified to apply for jobs with public health agencies and organizations. Find more information at [www.cdc.gov/phap](http://www.cdc.gov/phap).

# Practicums

The State Hygienic Laboratory hosts practicum students from a variety of academic programs. Contact hours are determined by the educational institution. This practicum experience, including a final written report and oral presentation, constitutes the final examination for coursework within an accredited university or college. Practicums may be funded and approved for course credit.

Specialty areas include:

- Business
- Communication
- Community and behavioral health
- Education
- Environmental health
- Infectious diseases
- Radiochemistry

A practicum for the University of Iowa College of Public Health brought Katherine Read to the State Hygienic Laboratory where she worked with laboratory leadership to further her studies in Health Management and Policy. Katherine explains her poster “Sustainability of the Public Health Laboratory System” to Michael Anderson, student employee.



*‘The opportunities provided by the State Hygienic Laboratory have allowed me to build on my classroom experience. As a student obtaining dual degrees in public health policy and health administration, I have been able to develop my knowledge base applicable to both degrees and my future career.’*

*– Katherine Read*



# Interesting Facts

## about the State Hygienic Laboratory

- ∞ Disease control experts test for infectious diseases such as pertussis, measles, HIV and tuberculosis.
- ∞ Environmental health scientists monitor air, water and soil for potential contaminants.
- ∞ Iowa's Radiological Emergency Response Team provides field monitoring and technical consultation.
- ∞ We provide newborn screening for all babies born in Iowa (~40,000 annually) and for babies born in North Dakota and South Dakota.
- ∞ Our scientists received national recognition for their efforts to develop standards for HIV testing.
- ∞ Some of the national emergency response programs that we are a part of include
  - CDC's Laboratory Response Network;
  - Food Emergency Response;
  - Environmental Laboratory Response Network;
  - Water Laboratory Alliance; and
  - Iowa's Radiological Emergency Response.
- ∞ We are one of two state public health laboratories in the U.S. that is part of a university. (The other laboratory is in Wisconsin.)
- ∞ Our highly skilled staff conducts tests for more than 127 sentinel laboratories located in hospitals and clinics around the state.
- ∞ The Hygienic Laboratory serves all 99 counties in Iowa, as well as national and international clients.

# Submit an application online

<http://shl.uiowa.edu/edtrain/internships/application.pdf>



**State Hygienic Laboratory**  
**UI Research Park**  
**2490 Crosspark Road**  
**Coralville, Iowa 52241-4721**  
**319-335-4500 or 800-421-IOWA**



**Iowa Laboratories Facility**  
**2220 S. Ankeny Blvd.**  
**Ankeny, Iowa 50023-9093**  
**515-725-1600**



**Iowa Lakeside Laboratory**  
**1838 Highway 86**  
**Milford, Iowa 51351-7267**  
**712-337-3669**

Find the State Hygienic Lab on social media.



@HygienicLab



State Hygienic Laboratory



State Hygienic Laboratory at the University of Iowa



HygienicLaboratory

To access the application or for more information about the State Hygienic Laboratory, please scan the code.



**STATE HYGIENIC LABORATORY**  
AT THE UNIVERSITY OF IOWA  
[www.shl.uiowa.edu](http://www.shl.uiowa.edu)



The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information on nondiscrimination policies, contact the Office of Equal Opportunity and Diversity, (319) 335-0705 (voice) and (319) 335-0697 (text), 202 Jessup Hall, The University of Iowa, Iowa City, Iowa 52242-1316.