

# About the WSLH

The Wisconsin State Laboratory of Hygiene (WSLH) is the state's public, environmental and occupational health laboratory. We protect the health and safety of Wisconsin's people and environment, and provide training to other professionals.

Founded in 1903 at the University of Wisconsin - Madison and a part of the University of Wisconsin School of Medicine and Public Health, the WSLH embodies the **Wisconsin Idea**. The work we do daily reaches not only the borders of the state, but nationally and internationally. Our goal is to:

**Protect  
Research  
Collaborate  
Advise  
Teach**

WSLH scientists and academic leaders offer quality services in an array of technical specialties, including:

- Infectious Diseases
- Genetics
- Newborn Screening
- Cytology
- Environmental Chemistry and Microbiology
- Radiochemistry
- Toxicology
- Industrial Hygiene/Occupational Health
- Laboratory Proficiency Testing

We actively participate in the vibrant University of Wisconsin-Madison community – fostering partnerships with academic departments, performing vital human and environmental health research, and providing education and training in the areas of clinical, environmental, and occupational health and safety.

# Contact Us

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**[www.slh.wisc.edu](http://www.slh.wisc.edu)**

Your Laboratory Partner in

**Clinical  
Environmental  
Occupational  
Health**



**Wisconsin State  
Laboratory of Hygiene**  
UNIVERSITY OF WISCONSIN-MADISON

# Clinical

The Wisconsin State Laboratory of Hygiene's clinical laboratories offer a full range of analytical testing and consultation and are CAP-accredited.

## Infectious / Communicable Diseases

- Respiratory Viruses
- Tuberculosis
- Enteric Bacteria and Viruses
- Food and Waterborne Disease
- Vaccine-Preventable (pertussis, measles, mumps, rubella)
- Serology
- STIs / HIV / Hepatitis
- Rabies
- Outbreak Investigations
- Emergency Response
- Molecular Diagnostics and Epidemiology
- Antibiotic Resistant Pathogens

## Genetics

- Laboratory directors are ABMG-certified
- Cytogenetics (Prenatal, Postnatal, Oncology)
- Molecular (Prenatal, Postnatal, Oncology)

## Newborn Screening

- Test the more than 60,000 babies born annually in Wisconsin
- Screen for rare, hidden disorders that left untreated can lead to severe health problems and possibly death

## Cytology / Anatomic Pathology

- Pap Smear
- Human Papillomavirus (HPV)
- Fine Needle Aspiration (FNA)
- Brushings
- Body Fluids/Washings
- Histology

## Chemical Emergency Response and Clinical Metals

- 24/7 Public Health Emergency Preparedness clinical and non-clinical response testing
- Clinical testing for blood lead exposure
- Biomonitoring and biosurveillance
- Equipment Loan Program for public sector partners

## WSLH Proficiency Testing

- Full-service PT provider for clinical laboratories
- Accepted by CAP, COLA and The Joint Commission and Approved by CMS
- More than 3,000 customers nationwide
- More than 150 PT products

# Toxicology

## Forensic (OWI, death investigations)

In Wisconsin, we perform testing for:

- More than 80% of Operating While Intoxicated (OWI) blood alcohol tests (20,000+ annually)
- More than 95% of OWI blood drug tests
- Crash investigations
- Coroners and Medical Examiners
- Accredited by ANAB

# Environmental

We provide analytical services, consultation and research collaboration in the areas of:

- Inorganic Chemistry
- Organic Chemistry
- Air Toxins / Atmospheric Pollution
- Wastewater Surveillance
- Water Microbiology
- Environmental Toxicology
- Radiochemistry
- Microbial Source Tracking
- Trace Elements Analysis
- Accredited by NELAP/TNI, EPA, WI DNR and DATCP

# Occupational

## Wisconsin Occupational Health Laboratory

- Provide comprehensive industrial hygiene analytical services
- Support OSHA consultation programs in 46 states
- Work with businesses and industrial hygiene consultants nationwide
- Accredited by AIHA-LAP

## WisCon Safety & Health Consultation Program

- Provide free safety and health consultation and training to small businesses in Wisconsin
- Help employers provide safe workplaces and meet federal OSHA obligations and responsibilities

## Bureau of Labor Statistics/OSHA Statistics

- Collect, analyze and publish workplace injury, illness and fatality data from Wisconsin employers
- Identify workplace hazards and problem areas