

Building a World-Class Facility for a Best-in-Class **Veterinary Diagnostic Lab**

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- 48 year old facility with **serious deficiencies in biosafety, biocontainment, quality and amount of suitable space**
 - Current structure/facilities puts laboratory accreditation at serious risk
 - **Tremendous growth in demand for services**
- | 1976 | 2023 |
|--|--|
| 10 faculty, 20 staff,
16,000 cases,
35,000 tests conducted | 30 faculty, 150 staff,
120,000 cases,
<u>1.6 million tests conducted</u> |
- **Largest food animal caseload in the U.S.** serving the most progressive livestock and poultry producers in the world
 - Critical for protecting the health of Iowa's wildlife resources
 - Plays a substantial role in protecting and advancing human health
 - Living laboratory for training the next generation of veterinarians and scientists
 - Cutting edge resource to answer critical questions

IOWA STATE UNIVERSITY

College of Veterinary Medicine
Veterinary Diagnostic Laboratory
vetmed.iastate.edu/vdl



PHASE II

NOW MOVING FORWARD

PHASE I

NEAR COMPLETION

\$66.5 million project

- ▶ Molecular diagnostics
- ▶ Genetic sequencing
- ▶ Virology
- ▶ Serology
- ▶ Analytical Chemistry/Toxicology
- ▶ BSL-3 (High biosecurity diagnostics)
- ▶ Diagnostic Research and Development
- ▶ Information Technology and Quality Assurance
- ▶ VDL Administration

Estimated Start Date: April 2024
Estimated Completion: Fall 2026

(As of May 2023)

Source of Funds:

State of IA (RIIF)
\$18M

Federal (ARPA)
\$40M

Donors + ISU
\$8.5M

Space Summary:

Program Space
78.5K gsf

\$75 million project

- ▶ Client services
- ▶ Receiving/Accessioning
- ▶ Sample processing
- ▶ Necropsy (Autopsy)
- ▶ Pathology
- ▶ Histopathology
- ▶ Bacteriology
- ▶ Incinerator

Started: March 2021
Completion: March 2024

Source of Funds:

State of IA (RIIF)
\$63.5M

Donors + ISU
\$11.5M

Space Summary:

Program Space
90K gsf

Basement
11K gsf

Phase 1 Dedication and Phase II Groundbreaking April 4, 2024