

IOWA STATE UNIVERSITY

5 Year Capital Plan Priority Projects

- **Veterinary Diagnostics Laboratory**
 - 151,000 GSF new space, 50,000 GSF remodeled space
 - 2018-2022 (Funds requested)
 - \$124M
- **Learning Space Renovation Project**
 - 57,000 GSF remodeled space
 - 2020-2022 (Funds requested)
 - \$21.6M
- **Science Building Capital Renewal**
 - 80,000 GSF remodeled space
 - 2021-2022 (Funds requested)
 - \$32.5M

**Board of Regents
Property and Facilities Committee**

September 2016

Veterinary Diagnostic Laboratory

Significance and Needs

- **Iowa's only full-service, fully accredited vet diagnostic lab**
- **Supports \$17B animal ag industry**
- **Protects animal and human health**
- **Provides critical and timely diagnostic results to industry**
 - 1.2M + annual tests
 - 70K + annual diagnostic cases
 - Developed test to detect PED antibodies
 - At forefront of high-path avian influenza crisis
- **Increased demand for diagnostics, research and teaching activities**
 - 1976: 11 faculty and 20 staff
 - 2016: 25 faculty and 120 staff
 - Caseload has doubled since 2011
- **No substantive footprint or infrastructure growth since 1976**
 - Critical issues of space functionality, quality and quantity
- **Lacks adequate Biosafety and Containment controls**

Veterinary Diagnostic Laboratory

Project Goals/Components

- Provide adequate space and state of the art / compliant systems
- Address biosafety and biocontainment issues
- Optimize process flow and functional relationships
- Expand diagnostic, teaching and research capabilities
- Repurpose vacated space to meet College's lab and teaching shortfalls
- Maintain operational continuity during construction
- \$124M
- 151,000 gsf new space
- 50,000 gsf remodeled space
- Demolish selected obsolete, antiquated labs
- Reduce deferred maintenance backlog by \$1.65M

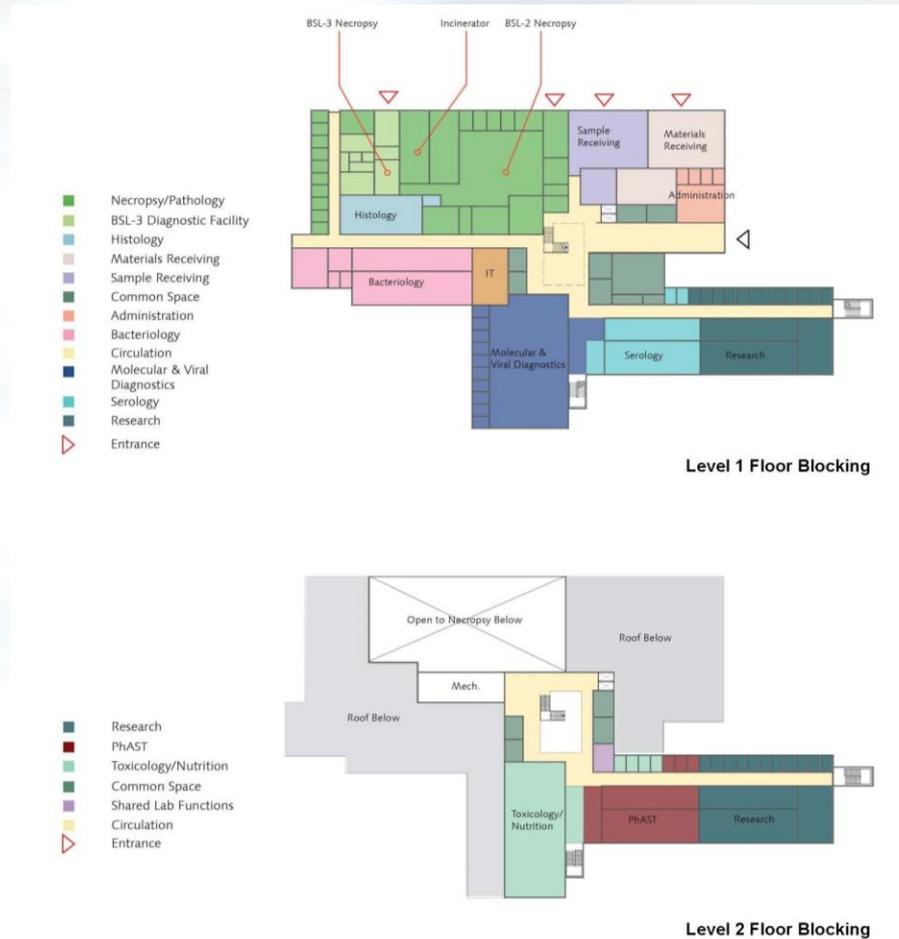
Veterinary Diagnostic Laboratory

Conceptual Images



Veterinary Diagnostic Laboratory

Conceptual Diagram



**Thank you.
Questions?**

