

4.1 Program Summary

To achieve the mission and long-range goals of the College of Veterinary Medicine (CVM), the current CVM campus facilities need to respond to program expansion and changing technologies by creating more appropriate environments for learning and service.

The Facilities Plan addresses growth and upgrades to the CVM campus facilities in the following categories:

- **Construction of new buildings**
- **Renovations of existing buildings**
- **Site/infrastructure improvements**
- **Relocation of the medicinal plant garden**
- **Specialty research zones for future programs not yet defined**

A preliminary list of spaces for each new building was developed to verify the type and estimated size of each building (classroom, laboratory, office, etc.). This program data is included in the report's Appendix.

4.1 New Buildings

The following outlines are for new buildings and programs identified in the Facility Plan. They are not listed in any priority for need or funding.

ACADEMIC COMMONS

All classrooms and teaching labs currently in the VMBSB will be consolidated in a new building and will accommodate the targeted 150 person class size. (The maximum capacity in the current VMBSB teaching labs and classrooms is 105 persons). At least two classrooms that accommodate 150 persons will be provided. Administration offices will be located on the first floor for convenient student and visitor access. An atrium, a lobby and corridor alcoves will be incorporated into the design to promote interaction within the CVM community.

The design of the Academic Commons will establish the direction of the Facilities Plan and be fundamental in creating the CVM campus image/identity. The Academic Commons will include spaces for:

Learning

- Classrooms
- Teaching Labs
- Computer Labs
- Seminar/meeting rooms

Administration

- Offices
- Conference Rooms

Community

- Lobby
- Archives/Museum
- Café
- Library
- Open interaction zones
- Atrium

AUDITORIUM

A 1,000-seat Auditorium will serve the CVM campus as well as the greater UIUC campus. The Auditorium could be constructed concurrently with the Academic Commons, or constructed separately, as funding allows.

SMALL ANIMAL CLINIC ADDITIONS

The SAC is currently undersized for the client market. Funding is currently available for some of the required facility additions. It is expected that SAC additions will be the first construction projects on the CVM campus.

The SAC additions will include:

- Surgery Suites
- ICU
- Emergency Room
- Imaging
- Core facilities (pharmacy, medical records, stockroom)
- Office/Classroom space
- Lobby/Reception/client waiting space

EQUINE SPORTS MEDICINE FACILITY

This facility will examine and recommend treatment of client-owned horses with sports-related injuries.

There is a need within the state of Illinois and the Midwestern U.S. for a high-quality equine sports medicine facility. Currently, several academic and private practices provide sports medicine services to equine racing and show clients.

Key features of the Equine Sports Medicine facility will include:

- Equine Diagnostics and Treatment
- Equine Therapeutics
- Equine-accessible MRI and CT imaging suites
- Swimming pool for equine recovery and rehabilitation
- Indoor riding arena
- Half-mile racetrack
- Client reception and waiting.

BSL-3

The University does not have any Biosafety Level-3 laboratories on the UIUC campus. The CVM has several studies investigating the feasibility of this type of facility on the CVM campus.

This facility would include:

- BSL-3 laboratories
- ABSL-3 vivarium
- Research laboratories
- Office
- Security

The BSL-3 facility can be combined with the Biowaste facility or incinerator.

BIOWASTE/INCINERATOR

The University of Illinois has several studies investigating the feasibility of this facility on the CVM campus. It can be combined with BSL-3 or be stand-alone.

This will be the only incinerator/biowaste facility on the entire UIUC campus, and would serve the greater UIUC community.

4.3 Renovations

Areas vacated by programs that are relocated to new buildings will be renovated for program expansion.

Programs in these renovated spaces will include:

VMBSB

- Additional research laboratories
- Shared laboratory support
- Specialty research, including BSL-3, on the third floor
- Expansion of the Diagnostic Laboratory
- Expansion of the vivarium
- Centralized receiving/stock room

SAC

- Exam rooms
- Medical records
- Pharmacy
- Centralized receiving/stock room

LAC

- Ward #3
- Quarantine
- Imaging

4.4 Specialty Research

A zone at the CVM campus' north end has been reserved for research programs that have not yet been identified. These are programs that would benefit from the CVM's infrastructure and knowledge base, but could be independent programs serving UIUC, regional, and national research initiatives. Although the specific nature of each research program has not yet been identified, it is recognized that these types of programs are significant, and space on the CVM campus should be allocated for them.

These would include:

- BSL-3
- Government sponsored biodefense research
- Regional Biocontainment Laboratory (RBL)
- USDA research programs

4.5 Site/Infrastructure

The Facilities Plan identifies locations and zones for the new buildings, and outdoor spaces associated with those programs. It also identifies site upgrades in the following categories:

- Site access with revised entry drive
- Site way-finding
- Parking
- Landscape
- Medicinal Plant Garden
- Consolidated service/utility zone
- Additions to Chiller plant and infrastructure