

**The state-of-the-art Vivarium Core Facility at UMass Boston is dedicated to providing the highest level of care possible to animals used in research and teaching.**



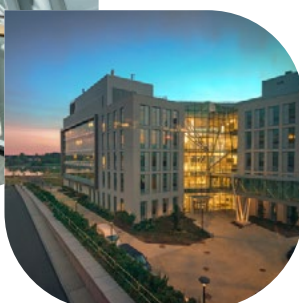
## About

The Vivarium Core Facility is part of UMass Boston's Integrated Sciences Complex. The state-of-the-art facility provides housing for specific pathogen-free species, including rodents, frogs, reptiles, and zebrafish.

The animal facility is staffed seven days a week and offers routine husbandry and breeding care for the animals. The staff comprises animal health technicians, a facility manager, and a consulting veterinarian.

Through daily inspection of each animal, the staff offers high-end care of the animals and supports research activities through their knowledge of breeding, husbandry, handling, and general health needs of the various species. Food and water are provided ad libitum, as well as interactive toys, wheels, and other tactile and visual cues for enrichment.

The vivarium consists of a total of 7,515 square feet of space with 2,744 square feet of dedicated animal housing.



## Institutional Animal Care and Use Committee (IACUC)

The IACUC and veterinarian provide oversight of the animal program, including ongoing reports of practices, protocols, policies, and training activities. Research support services include laboratory safety training classes, standard operating procedure training, and wet labs offered throughout the year or as needed.

## Specialized Rooms for Procedures

- Barrier Suite procedure room: BSL II cabinet and IVIS Imaging system
- Necropsy, DD Dissection table: -20C freezer, fume hood, and CO2 chambers
- General procedure rooms: BSL II cabinet and surgery lighting
- Surgery room: Anesthesia equipment, gas snorkels, and surgery lighting

*Additional equipment may be available for your use. Please inquire for details.*

 [umb.edu/arcf](http://umb.edu/arcf)

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 UMass Boston Research Core Facilities

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