

Massachusetts' Veterinary School

A Successful Public-Private Partnership Delivering Unique Value to the Commonwealth

Veterinary education is a government function in the U.S. and around the world for -

- Life science related workforce and economic development.
- Public health, biomedical research, bio-defense and food security.
- Veterinary education for its citizens.

Massachusetts' veterinary education model is highly effective and efficient.

- The school was established with co-operative investments by the Commonwealth and Tufts University.
- The Massachusetts model delivers better than 15:1 leveraging of state support with private dollars.
- Strong student achievement and exceptional faculty research outcomes are hallmarks.

The veterinary school educates essential life science and clinical workforce professionals.

- This is the only veterinary school in the Commonwealth.
- Pharmaceutical, medical device and animal health industries rely upon veterinary experts in laboratory animal medicine and pathology.
- Veterinary medicine contributes more than 17,000 jobs in the state and veterinarians are leaders in the small business community.*
- The school operates many K-12 STEM programs and partnerships to engage young people in science.

The veterinary school drives economic development in Massachusetts.

- Almost every human therapy must first be proven safe and effective in two animal species.
- The school provides collaborative research and testing for more than 40 companies and institutions a year.
- Our life sciences incubator has nurtured 21 companies on campus to date.
- Grafton Science Park is in development for larger companies to expand in Massachusetts.
- Veterinary medicine contributed \$1 billion of income, \$2.3 billion of business activity, and \$1.4 billion of net new economic activity in 2015.*
- Cummings School of Veterinary Medicine at Tufts University is the 2nd largest employer in Grafton bringing nearly 1000 jobs and \$90 million of value added. *

The veterinary school is a unique resource for Massachusetts' public health and homeland security.

- Over 70% of emerging infectious diseases are animal diseases transmitted to people.
- Cummings School has major research in these zoonotic and food and waterborne diseases.
- Veterinarians are front line public health practitioners and critical responders in pandemic preparedness.

The veterinary school is a leader in wildlife medicine and environmental health and serves multiple state agencies.

- We have pioneered Conservation Medicine and One Health that address environmental, animal and human health.

Reliable and stable state support is essential to preserving veterinary education in Massachusetts.

- Three veterinary schools have failed without state support.
- All fully accredited veterinary schools in the United States depend upon significant state cost sharing.
- Other sources of school revenue (e.g., tuition, gifts, etc.) depend on a reliable state partnership.
- It would likely cost Massachusetts \$150 million in start-up capital and over \$25 million a year to operate a state veterinary school without this partnership with Tufts.

* UMass Donahue Institute, *Economic Impacts of Veterinary Medicine on the Commonwealth of Massachusetts*, June 2015