Iowa State University
College of Veterinary Medicine
Iowa State University is the country’s first public veterinary school. Founded in 1879, Iowa State is one of only 30 veterinary colleges in the United States. Fully accredited by the American Veterinary Medical Association, the college takes pride in its heritage while shaping the future of veterinary professional practice, education, research and service.

The college focuses on animal and human health, food safety, and animal welfare to the benefit of animal agriculture, economic development, and the health and well-being of humans and their animals.

On a daily basis, the faculty and staff in the college addresses the health of all animals including livestock, poultry, companion animals, equine, captive and free-ranging wildlife, exotic animals and birds. Researchers in the college have a global impact on not only animal health, but human health and food safety.

The college is a cornerstone of one of the world’s largest concentrations of animal health professionals in Ames that includes the USDA’s National Animal Disease Center, the National Veterinary Services Laboratories, and the Center for Veterinary Biologics.

Mission
The Iowa State University College of Veterinary Medicine is dedicated to the enhancement of the health and well-being of animals and human beings through excellence in education, research, professional practice and committed service to the State of Iowa, the nation and the world.

Vision
The Iowa State University College of Veterinary Medicine aspires to be a preeminent institution recognized for excellence in professional and graduate education and the application of knowledge to promote animal and human health with significant influence on society’s food supply, while providing a caring and supportive work environment.

Strategic Priorities
The College of Veterinary Medicine’s FY2017-2022 strategic priorities establishes five goals for the college.

Goal 1: Become opinion leaders in clinical and diagnostic medicine
Goal 2: Continue to lead in One Health/Translational Medicine Research
Goal 3: Become leaders in veterinary teaching and curriculum development
Goal 4: Become the top veterinary college to grow and make a career
Goal 5: Fiscally sustainable and capable of investing in the college’s future

The complete Strategic Priorities for the college is at https://vetmed.iastate.edu/about/about-college/strategic-priorities.
By the Numbers

- DVM Students – 596
- Graduate Students – 202
- Living Alumni (DVM & non-DVM graduate) – 6,309
  College alumni provide leadership in animal, human and environmental health, food safety and animal welfare in all 50 U.S. states and 12 countries
- Faculty: 169 (74 board-certified specialists)
- Degrees Award: DVM, MS, PhD
  Concurrent degree programs for DVM students also include MBA with Iowa State’s College of Business and the MPH with the University of Iowa’s College of Public Health

Academic Departments/Programs

- Biomedical Sciences
- Veterinary Clinical Sciences
- Veterinary Diagnostic and Production Animal Medicine
- Veterinary Microbiology and Preventive Medicine
- Veterinary Pathology
- University of Nebraska-Lincoln Professional Program in Veterinary Medicine
  - Joint 2+2 program
  - 26 Nebraska residents complete their first 2 years of veterinary school on the UNL campus and then the last two years at Iowa State University

Lloyd Veterinary Medical Center (LVMC)

- 24-hour, state-of-the-art teaching hospital consisting of the Hixson-Lied Small Animal Hospital (renovated and expanded in 2012) and the Large Animal Hospital (renovated and expanded in 2009)
- Fully accredited by the American Animal Hospital Association (August 2017)
- Treats more than 20,000 cases annually
- LVMC has the #1 food animal caseload among U.S. veterinary colleges

Veterinary Diagnostic Laboratory (VDL)

- Iowa’s only fully accredited, full-service veterinary laboratory
- Annually processes 75,000 cases and performs more than 1.5 million tests
- First to identify, diagnose and sequence and fully characterize Porcine Epidemic Diarrhea (PEDv) in the U.S.
- Proposed $124 million VDL is number one of the Board of Regents, State of Iowa, capital improvement project list
Other College Facilities/Services

- **Veterinary Field Services**
  - Offering farm animal (food and fiber) veterinary services to producers in the Ames area
  - 3 fully equipped mobile veterinary trucks and 8 clinicians provide individual animal and herd health services for beef, dairy, swine, sheep, goats and camelids
  - Daily, 24-hour emergency care

- **Veterinary Diagnostic Services**
  - Operated by the Department of Veterinary Pathology
  - Providing diagnostic needs of all species for clinical pathology, histopathology and parasitology

- **Veterinary Extension**
  - Bringing the benefit of veterinary medicine to society by promoting animal welfare and public health through the on-going education of veterinarians and the dissemination of animal health production, food safety and animal welfare information to veterinarians, livestock producers, consumers and related clientele
  - Extension veterinarians on staff in beef, dairy, poultry and swine

- **Swine Medicine Education Center**
  - Only center of its kind in the country
  - Educates students from 21 veterinary colleges and veterinary professionals from 31 countries

- **Center for Food Security and Public Health**
  - International resource of information on diseases and emergency response
  - Delivers training modules for the USDA’s National Veterinary Accreditation Program and the Emerging and Exotic Diseases of Animals course used by all U.S. colleges of veterinary medicine and by veterinarians seeking accreditation

- **Institute for International Cooperation in Animal Biologics**
  - World Organization for Animal Health (OIE) Collaborating Center
  - Trained more than 2,500 people from 93 countries in veterinary biologics since 1996

Affiliated Facilities

- **Iowa Veterinary Specialties**
  - Satellite emergency and specialty hospital in Des Moines, owned and operated by the College of Veterinary Medicine
  - Des Moines’ premier 24/7 emergency and specialty hospital

- **Great Plains Veterinary Educational Center**
  - Provides education to veterinary students and practitioners through a cooperative agreement between the College of Veterinary Medicine, the University of Nebraska and the U.S. Meat Animal Research Center
  - Teaching program offered primarily in food animal health and production management of beef cattle
• ISU Dairy Farm
  o Fourth-year DVM students participate in two-week rotations at the College of Agriculture and Life Sciences Dairy Farm
  o Facility has 400 lactating animals from birth to the first lactation
• Blank Park Zoo
  o The College of Veterinary Medicine and Des Moines’ Blank Pak Zoo have a cooperative program which provides educational experience for veterinary students
  o The ISU College of Veterinary Medicine Animal Health Center is located at the Blank Park Zoo and consists of a new surgery suite and temporary living quarters for veterinary students completing rotations at the zoo
  o The college and the Blank Park Zoo share a veterinarian position

Recent and Future Facilities
• Large Animal Hospital
  o Opened in Winter 2009
  o 108,000 square feet
  o Sterile and standing food animal surgeries
  o 8 equine treatment rooms
  o Holiday pens and treatment rooms
  o Equine ICU & large animal isolation unit
  o Performance Evaluation Facility
    ▪ Completed in 2012
    ▪ Arena and farrier area
• Hixson-Lied Small Animal Hospital
  o Opened in September 2012
  o 105,000 square feet
  o 22 exam rooms, 5 treatment rooms
  o ICU/Emergency Medicine unit
  o Canine and Feline Rehabilitation Unit
  o Diagnostic imaging
  o Clinical pathology and microbiology
  o Pharmacy
  o Anesthesia/Surgery Suite
• Clinical Skills Laboratory
  o Providing practice-ready opportunities for all DVM students
  o Completed Fall 2015
  o Dedicated full time faculty member
• Surgery Teaching Facilities
  o First-class facilities for teaching animal handling and surgery
  o Completed Fall 2017
• Commons Café
  o Will provide additional study and meeting space for students
Updated Gentle Doctor Café  
Expected completion: Fall 2018

Stereotactic Radiation Therapy (SRT)  
- Expected completion: later spring or summer 2018  
- Will become 1 of 7 colleges with SRT service  
- Delivers high doses of precisely focused radiation for pituitary, brain, bone, nasal, skin and many other solid tumors

Human Anatomy Lab  
- Utilizes human cadavers for the human gross anatomy class taught in the Biomedical Sciences 1-Year Master’s Program  
- Completion Date: Fall 2017

Veterinary Diagnostic Laboratory  
- Stand-alone, $124 million project  
- #1 on the Board of Regents capital improvements priority list  
- $20 million renovation of current VDL space (50,000 square feet) for research labs, study spaces, offices

Research  
- Research expenditures FY17 greater than $17 million  
- Faculty funded by diverse agencies including NIH, USDA, FDA, DOD, NSF, commodity groups, industry/corporate, higher education and non-profit organizations  
- #1 in USDA funding among veterinary colleges  
- Top 1/3 in NIH funding among veterinary colleges  
- Sample of current research topics  
  - Infectious (bacterial, viral, parasitic, diseases of livestock, poultry and people)  
  - Food safety  
  - Cancer and enteric diseases of pets  
  - Antimicrobial resistance  
  - Welfare and behavior  
  - Neuroscience  
  - One Health

Student research  
- 10% of DVM students participate in a 2017 summer research opportunity

Students  
- Class of 2018 Track Emphasis  
  - Small Animal – 43 (29.7%)  
  - Food Animal – 39 (26.9%)  
  - Mixed Animal – 53 (36.6%)  
  - Equine – 10 (6.9%)
- Over $625,000 in scholarships offered each year to DVM students  
- Total cost of education  
  - Resident - $152,978 (ranked 26th among veterinary colleges)
- Non-resident - $252,389 (ranked 19th)

Faculty
- Diplomate Status - https://vetmed.iastate.edu/about/faculty/diplomate-status
- 13 named faculty positions - https://vetmed.iastate.edu/about/faculty/named-faculty-positions
- National and International Recognition - https://vetmed.iastate.edu/about/faculty/national-international-recognition
- National and International Offices held - https://vetmed.iastate.edu/about/faculty/national-international-office-holders

Fundraising
- “Forever True, For Iowa State” fundraising campaign
  - $70 million college goal by 2020
  - Raised $59 million (84.3%) as of October 2017