

## Iowa State University College of Veterinary Medicine

### Increasing class size to meet the need for more veterinarians

- CVM increased class size by 20%
- Enrollment ranks 2<sup>nd</sup> to 4<sup>th</sup> largest in the country (current report pending)
- Approximately 25% of graduates enter in food animal practice
- Approximately 20% stay in Iowa (13 to 19% over last five years)
- ISU CVM produced 12% of food animal veterinarians in last 5 years (next highest: 7%)
- Program with University of Nebraska has strong benefits
  - Increased number of students interested in food animal practice
  - Regional interests
  - Access to top beef producing resources in the country

### Changing curriculum provides benefits to Iowa agriculture and economy

- Added clinical rotations including swine, dairy, beef, small ruminant and animal welfare
- Expose all students to large and small animals
- Food animal student contact hours increased 37% since '07-'08
- Food animal student preceptorship enrollments increased 85% since '07-'08
- Food animal program continues to strengthen
  - Three new courses added in '09-'10
  - Five new rotations added '09-'10
  - Six new rotations planned for '10-'11; increasing capacity in 3 others
- Improved pathology sequence provides additional clinical experiences
- Unique entrepreneurial studies program creates sound business leaders

### New faculty increase teaching, clinical and research capabilities

- Production animal medicine has added 26 new faculty positions since 2005 that directly impact the state's animal ag industry and economy, including:
  - 4 beef
  - 3 swine
  - 2 dairy
  - 2 small ruminant
  - 1 welfare
  - 1 large animal
  - 1 theriogenology/Embryo Transfer
  - 9 diagnostics
  - 1 toxicology
  - 1 VDL Director
  - 1 epidemiology
- Veterinary Extension activities and outreach to Iowa producers are **increasing**
- Two Battelle chairs added to develop vaccines, cancer therapies and nutrition for business commercialization
- Meaningful research conducted in AIDS, PRRS, SMA, RSV, Parkinson's, Salmonella, Mycoplasma, layer peritonitis, and others

### **Curriculum and faculty changes improve quality**

- Initial NAVLE first time pass rate improved by 5% over past five year average
- Standardized Qualifying Exam scores improved in 4 of 5 areas
- 90% of employers responding to survey are satisfied or very satisfied with CVM graduates
- 98% would hire another CVM graduate

### **Veterinary Medicine directly impacts Iowa's economy**

- Conservatively produces an estimated 9 to 1 return on State investment
  - Circovirus vaccine has a \$109.5 million annual impact on Iowa swine industry
  - \$9 billion Iowa animal ag industry: a 1% increase in production due to disease prevention = \$90 million impact
- ILHAC funded projects returned \$10.5 million in applied livestock research grant money for \$1.1 million seed investment
- Average starting salary of \$63,000+ added to local economies

### **A source of pride and accomplishment**

- Ranked #1 High Impact Veterinary Research Institution 2004-2008
- Consistently ranked in the top 3 veterinary colleges in USDA-funded research
- Preeminent comprehensive food supply veterinary medicine program
- Veterinary Diagnostic Laboratory recognized as national leader in animal disease research and diagnostics
- Pathology Training Program for board certification ranked 2<sup>nd</sup> in the country
- Veterinary Microbiology and Preventive Medicine ranked 8<sup>th</sup> most productive doctoral-granting veterinary medical science program

### **Inadequate funding will compromise the future of the college and its ability to serve its students, faculty, researchers, stakeholders and the state**

- American Veterinary Medical Association Council on Education accreditation visit December '10
- All accreditation standards directly impacted by budget reductions