

Biomedical Sciences (BIMS)

- Pre-professional program
- ≈2000 students
 - Largest degree-granting undergraduate major
- “2 + 2” agreements with 12 community colleges around the state
- ≈500 1st generation college students
- Diversity efforts



Current Circumstances Nationally

- 86,000 veterinarians
- 2,500 veterinary graduates per year



Current Circumstances Nationally

According to CNN, Veterinary Medicine ranks 4th in Job Growth

"Pet ownership has grown 17% in the past 10 years, and as more people embrace furry friends, more vets are needed to keep them healthy. The veterinary medicine field has echoed advances in human medicine, and veterinary specialists in fields like oncology and ophthalmology have found clients clamoring for services.

Another growth driver: An increased demand for vets in fields like food safety, disease control, and pharmaceutical research."

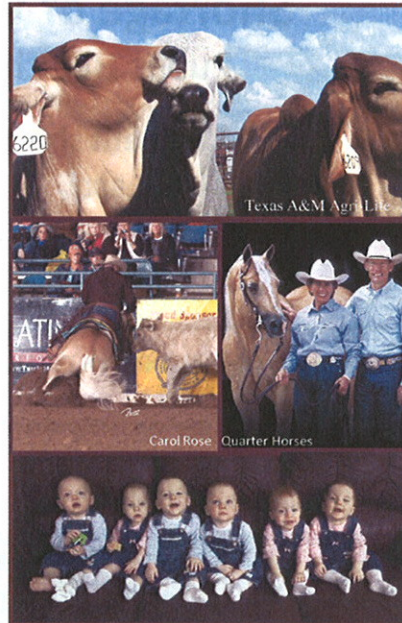
- CNN Website

http://money.cnn.com/galleries/2009/moneymag/0910/gallery.bestjobs_jobgrowth.moneymag/4.html



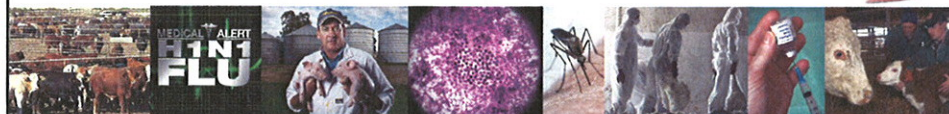
Texas Is

- **#1 Cattle**
- **#1 Horses**
- **#2 People**



Critical Need for Veterinarians Public Health Areas

- USDA – Food Safety & Animal Disease Control
- Biosecurity & Homeland Security
- Research on domestic & foreign animal diseases
- Public health service & animal diseases affecting humans
- Rural communities & urban centers without veterinary services
- Wildlife disease control
- Animal care & welfare
- Laboratory animal care & research



Shortage of Veterinarians Public Health Care Needs

- **Current shortage**
 - >1,500
- **Shortage over next 20 years**
 - >15,000

 BUREAU OF LABOR STATISTICS

 **USDA** United States Department of Agriculture

 **THE NATIONAL ACADEMIES**
Advisers to the Nation on Science, Engineering, and Medicine



 **AAVMC**

 **AVMA**

 **APPA**
American Pet Products Association

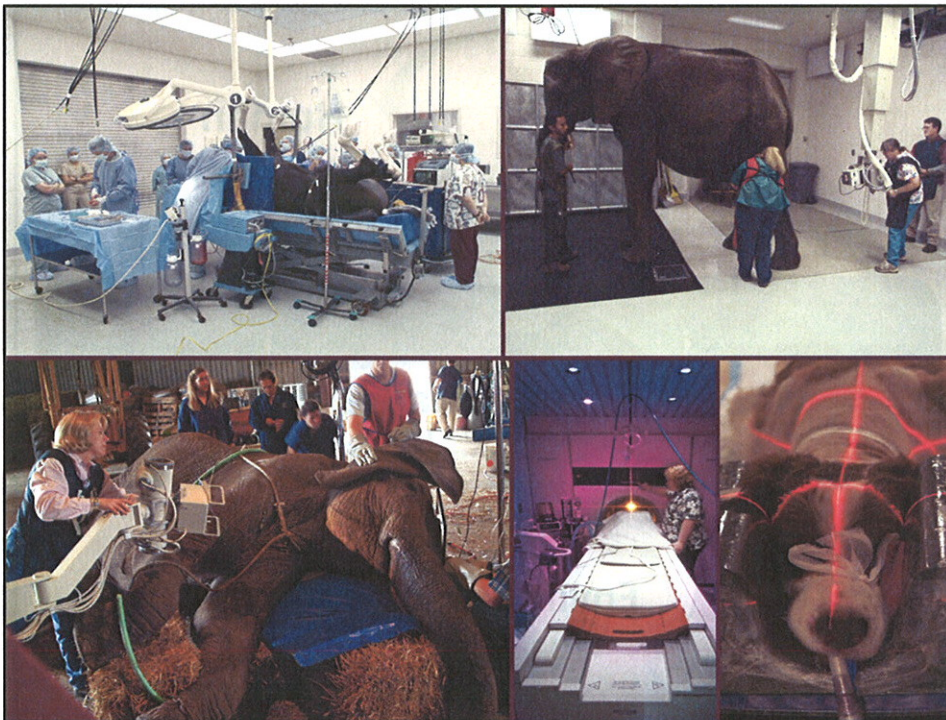
Current Circumstances Nationally

- 28 CVMs with no growth in size in 20 years
- No increase in federal funding in 30 years
- State support continually decreasing (%)



Economic Impact on National Economy

- Horses \$39 billion
- Cattle \$451 billion
- Pets \$38 billion

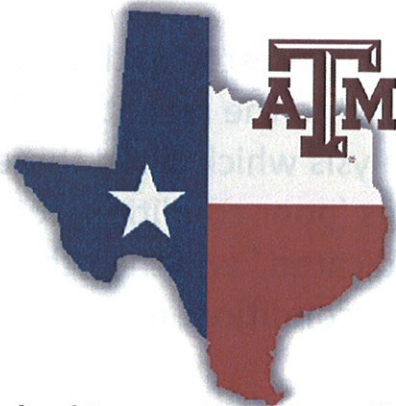




Only college of veterinary medicine in Texas

...but for how long?

If we don't do it, someone else will.



**Ranked in top 5 nationally with
10% of the nation's veterinarians being Aggies!**

**Texas Higher Education Coordinating Board
2009 Conclusions**

- No new Texas veterinary school is recommended
- Enrollment **could be** expanded at Texas A&M
- Texas cattle raisers are constrained by shortage
- Increased funding for TAMU CVM should begin with THECB's level of formula funding for 2010-11



**Excerpt from
AVMA 2010 Accreditation Letter**

“The COE is interested in the College's plans to respond to the recent Facility Condition Analysis which rated three of the six major buildings ‘poor condition, total renovation indicated,’ and the other three, ‘below average condition, major renovation required.’”

Major Facilities

- **Large Animal Hospital**
Built in 1993 – 17 years ago



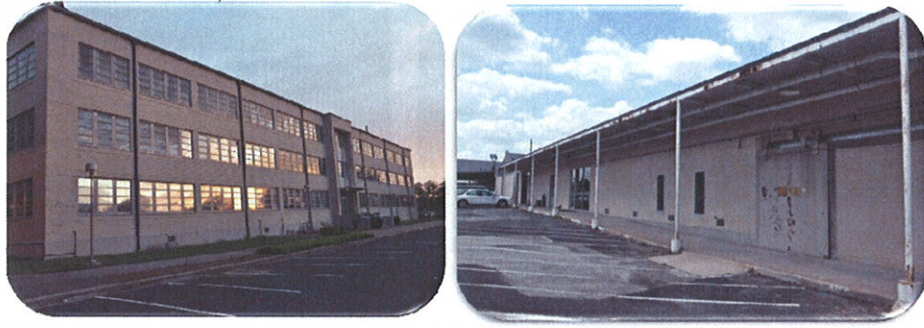
Major Facilities

- **Vet Med Research Building**
– Built in 1993 – 17 years ago
- **Vet Med Research Addition** – added in 2010



Major Facilities (Threats to Accreditation)

- Vet Teaching Hospital Building – Built in 1953 – 57 years ago
- Vet Med Sciences Building – Built in 1955 – 55 years ago
- Vet Med Administration Building – Built in 1968 – 42 years ago
- Vet Clinical Sciences Building – Built in 1981 – 29 years ago



Major (Aging) Facilities



Old Pipes That Cause Major Flooding Problems

Major (Aging) Facilities



Analysis of SNAPS Report

- The SNAPS analysis fairly represents the existing building space assigned to the college in 2009.
- The computed need is primarily the Veterinary Medicine Research Building Addition, which is due to be completed in May 2010, and the Veterinary Imaging and Cancer Treatment Center (with construction scheduled for completion in 2011).
- BUT - the 44,111 sq. ft. computed need does **NOT** reflect the college's actual needs.
- Much of the space in Veterinary Medicine is categorized as "special use" because actual veterinary medical education, research, and service/outreach activities do not fit the mold of the "typical" academic setting.

Analysis of SNAPS Report

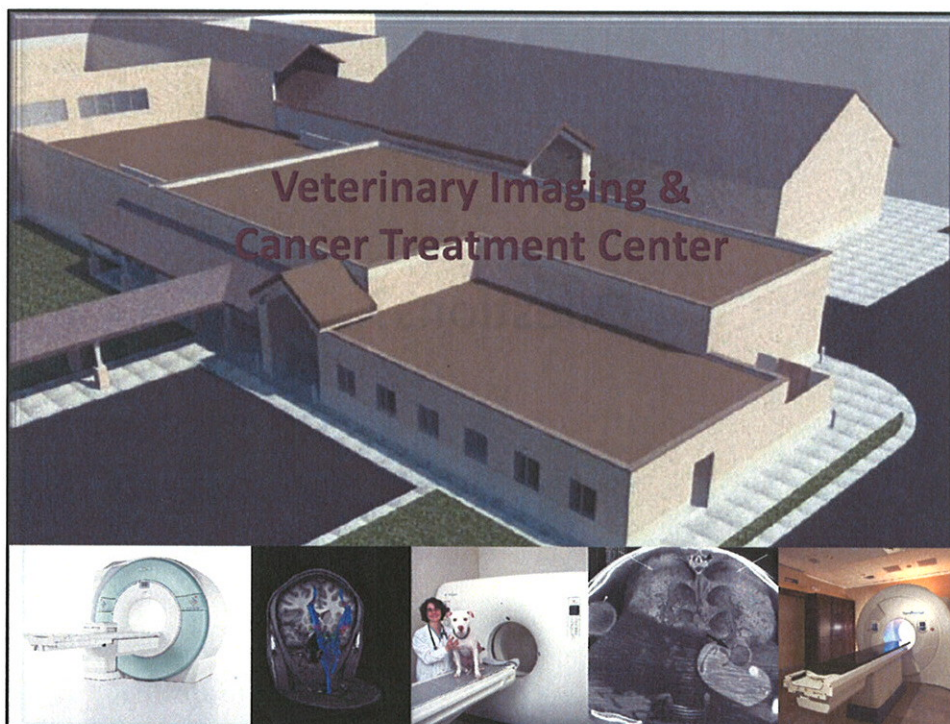
- The FCNI (Facility Condition Needs Index) for our six buildings is as follows:
 - .40 Veterinary Medicine Research Building, 1993
 - .40 Large Animal Hospital Building, 1993
 - .36 Veterinary Clinical Sciences Building, 1981
 - .45 Veterinary Teaching Hospital Building, 1953
 - .50 Veterinary Medical Sciences Building, 1955
 - .44 Veterinary Medical Administration Building, 1968

Future Needs

- The Texas Higher Education Coordinating Board submitted a study to the Texas Legislature in January, 2009, titled "Projecting the Need for Veterinary Medical Education in Texas."
- With the increasing needs for veterinarians in Texas, along with general increase in population of the State, 60 or more students need to be added to the current entering class size of 130.
- The report recommends a new basic science building at \$65-\$80 million.
- The report also cited need for an additional \$10 million to extend the small animal hospital facilities to accommodate the larger class sizes.
- The University and the College need BL3-Ag and BL3 laboratory space.

Highest Priority Needs Long Term (2010 to 2015)

| Need | Cost |
|---|---------------------|
| • Vet Med Education Building with Small Animal Hospital Expansion | • \$100M |
| • BSL-3 Building | • \$40-50M |
| • BSL-3 Ag Building | • \$60-80M |
| • Veterinary Research Park Upgrades | • \$15M |
| • TOTAL | • \$215-245M |





Questions?

CBE Report to Provost on College SNAPS: College of Veterinary Medicine and Biomedical Sciences (CVM)

April 7, 2010

1. Dean's analysis of SNAPS:

The SNAPS analysis fairly represents the existing building space assigned to the college in 2009. The computed need is primarily the Veterinary Medicine Research Building Addition (Bldg. 1197), which is due to be completed in May 2010, and the Veterinary Imaging and Cancer Treatment Center (with construction scheduled for completion in 2011). But, the 44,111 sq. ft. computed need figure does **not** reflect the college's actual needs. Much of the space in veterinary medicine is categorized as "special use" because actual veterinary medical education, research, and service/outreach activities do not fit the mold of the "typical" academic setting.

2. Summary of Dean's Space Assessment Needs:

With regard to existing facilities, of the college's six major buildings, the two "newest" major building(s) in the CVM were completed in 1993, 17 years ago. The FCNI (Facility Condition Needs Index) is .40 for both the Veterinary Medicine Research Building and the Large Animal Hospital. The construction dates and FCNI of the other four major buildings are: Veterinary Hospital, 1953 (.45); Veterinary Medical Sciences, 1955 (.50), Veterinary Medical Administration, 1968 (.44), and Small Animal Hospital, 1981 (.36).

The college was cited in its last accreditation review (2009) for the upgrades needed for its facilities. Unless something is done, it is anticipated that this will become a major issue on the next accreditation site visit. With regard to construction in progress, most of the funding for the Veterinary Medicine Research Building Addition and all of the funding for the Veterinary Imaging and Cancer Treatment Center was provided from college resources alone.

The Texas Higher Education Coordinating Board submitted a study to the Texas Legislature in January, 2009, titled "Projecting the Need for Veterinary Medical Education in Texas." With the increasing needs for veterinarians in Texas, along with general increase in population of the State, 60 or more students need to be added to the current entering class size of 130.

The report recommends a new basic science building at \$65-80 million (for 200,000 GSF, and NSF near 100,000), plus the report cited an additional \$10 million to extend the small animal hospital facilities to accommodate the larger class sizes.

The University and the College also need BL3-Ag and BL3 laboratory space.

3. CBE's concurrence or non-concurrence with dean's analysis of SNAPS report: