

The Magnificent History of this GREAT Profession

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● VETERINARY MEDICINE



259 years (1761 – 2020)

Lyon, France, 1761



● VETERINARY TECHNOLOGY



59 years (1961 – 2020)

Delhi, NY, (SUNY) 1961



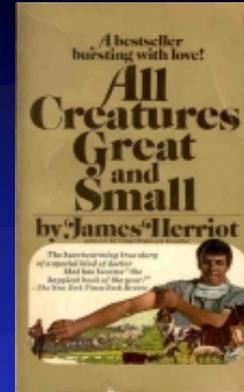
James Herriot, BVSc

- Probably did more for veterinary medicine than any other single person.

(1916 – 1995) Wrote 8 books

Yorkshire Dales, UK

“If having a soul means being able to feel love and loyalty and gratitude, then animals are better off than a lot of humans.”

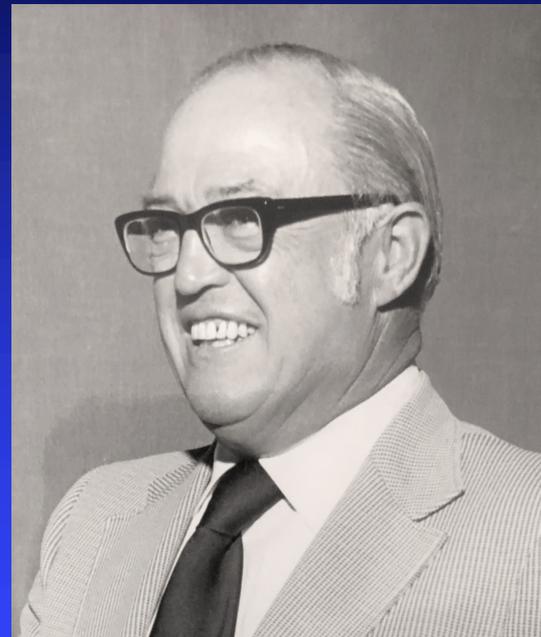


MY HISTORY



Dennis M. McCurnin (13)

Practice, ISU, CSU, LSU, PMI, Penn Foster



Don E. Sceli, DVM

1921 - 2004



Iowa State University 1879

1913



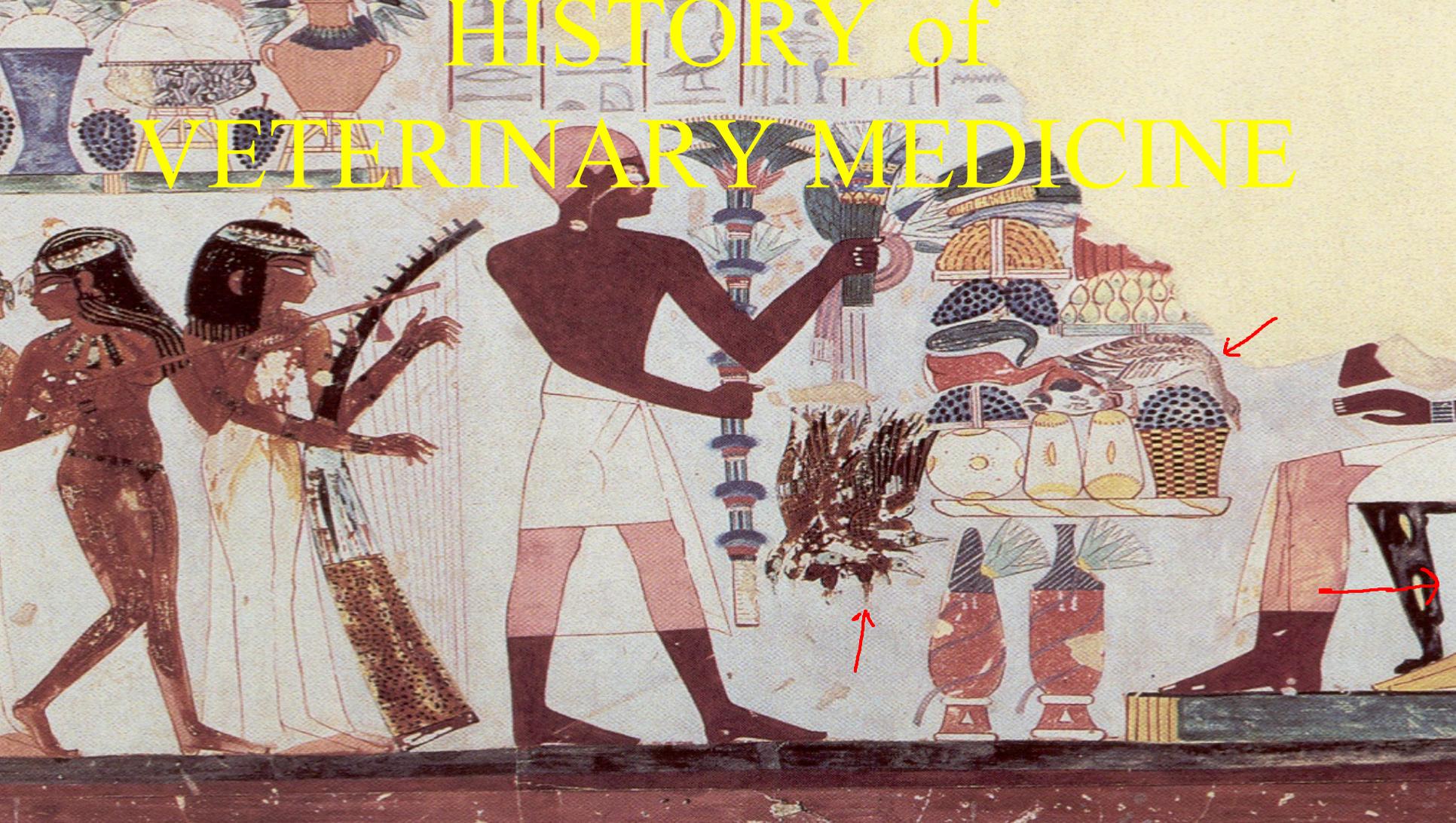


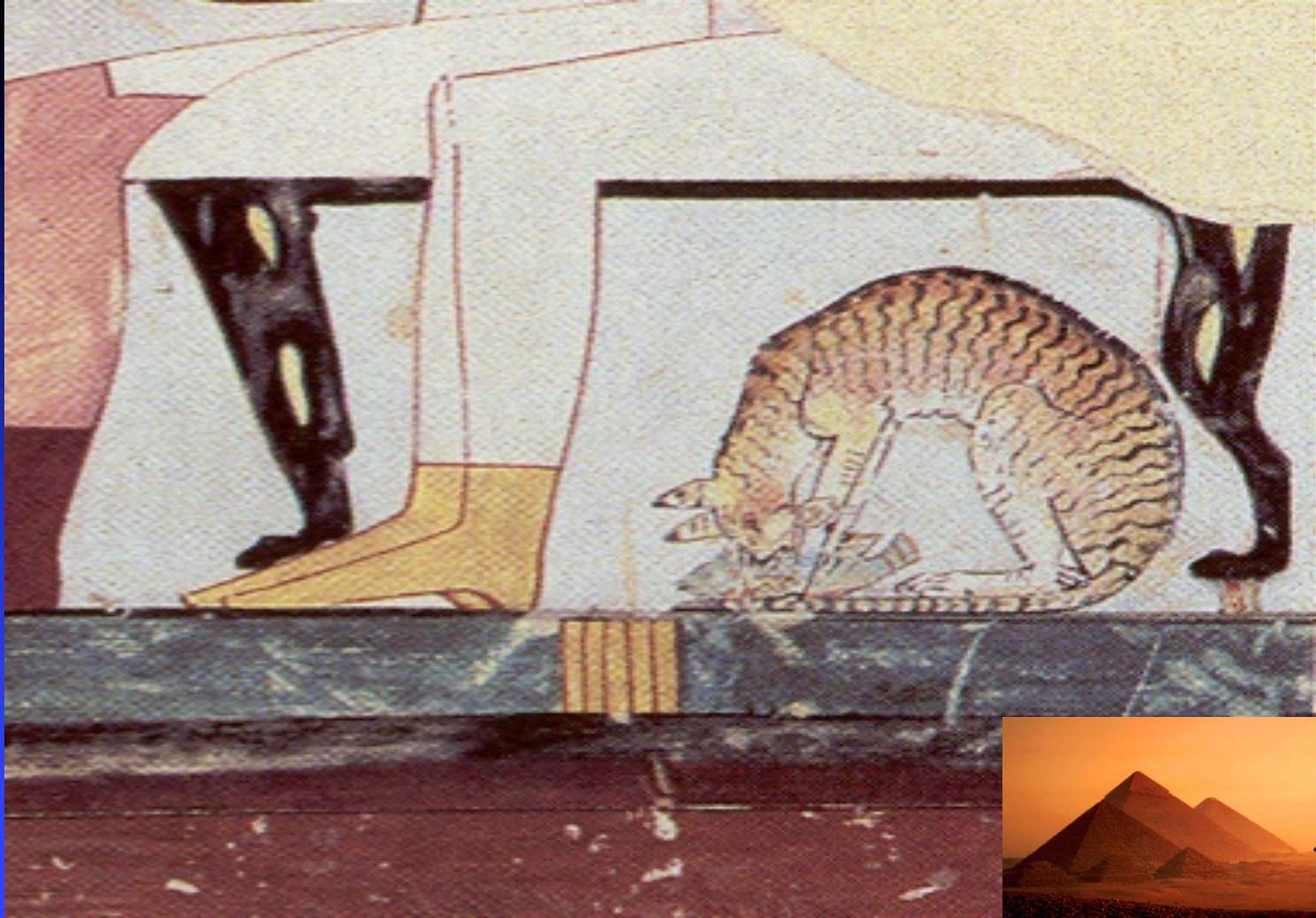
US ARMY VET. CORPS – 1968

AN KHE, SOUTH VIETNAM



HISTORY of VETERINARY MEDICINE





ARCHAEOLOGISTS EXCAVATING A 4,500-YEAR-OLD TOMB NEAR CAIRO FOUND DOZENS OF MUMMIFIED CATS.*



Cat Goddess Bastet



*NPR Nov. 2018



PEOPLE and ANIMALS

- Animals have always been with humans. Many accounts from the beginning of time: cats, dogs, horses, cattle, birds, fish, buffalo, camels, donkeys, elephants. **We have been given the charge of caretakers and healers.** Very few people will have this responsibility and honor in life.



WHERE HAVE VTs COME FROM IN U.S.?

- Pre-1960's military training programs (USAF VC 1951)
- Solo DVMs
- Spouses
- OJT's
- Vet. Students



1960's

1961 – 1st program – Delhi (SUNY)

[Walter E. Collins, DVM (COR 61) Father of Veterinary Technology]

1963 – 8 V. T. graduates from Delhi

1967 – AVMA guidelines for programs

1968-69 – Seven new programs

1969 – Nebraska – first to certify (Licensed, Registered.)



1930-2019



1970's

Growth of programs in both VTs and
DVMs w/ federal \$\$

1972 - 1st Nat. VT CE Mtg. @ **WVC**

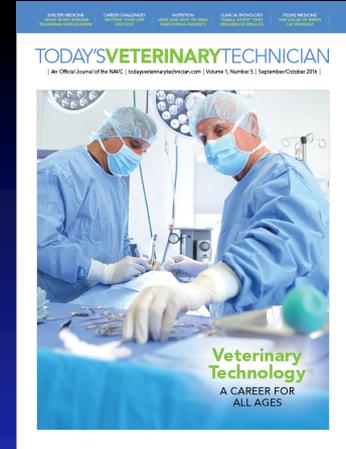
1973 – Assoc. V T Educators formed

1976 – 1st Journal - JAHT





1980's



1980 – Vet. Technician published

1981 – Nat As VT Am organized

(NAVTA) 39 years old: 18K+ memb.

1985 – AVMA forms ATNE

1989 – AHT to VT by AVMA



1990's

1995 – AASVB oversees VTNE AASVB.org

1997 – 1st DL approved (St. Pete) Dr. Guy Hancock (11)



2020

211* + AVMA programs (186 / 25)

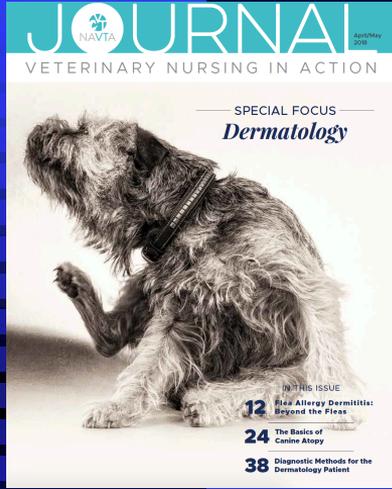
10 Distance Learning programs

25 Four-year programs

No program: DC, AK. (AVMA, Jul. 2019)



WHERE ARE WE TODAY?



● No. of techs 56,000* 93,300** (*AVMA 2018) **BLS 2014

● No. VT grads/year – 8,000*

● AVMA terms: 1989



BVNA British Veterinary Nursing Association

Technologist

Technician

Assistant (1200)

BVNA Nurse in UK 1965

(RCVS) 2015

Need to Change to: Registered Veterinary Nurse



CORPORATE VETERINARY MEDICINE: 20%



Petco has opened the first PetCoach, a combination veterinary hospital, pet supplies store and service provider, San Marcos, California (July, 2018)

Walmart has announced it will start with 100 vet clinics (2020) and continue with veterinary drugs / flea & tick products in-house and launch WalmartPetRX.com



Contribution to Revenue

- Results of AVMA Practice Business Measures Study shows gross income increased \$93,311 for each additional credentialed technician per DVM in the practice.



JAVMA: 236:8 2010

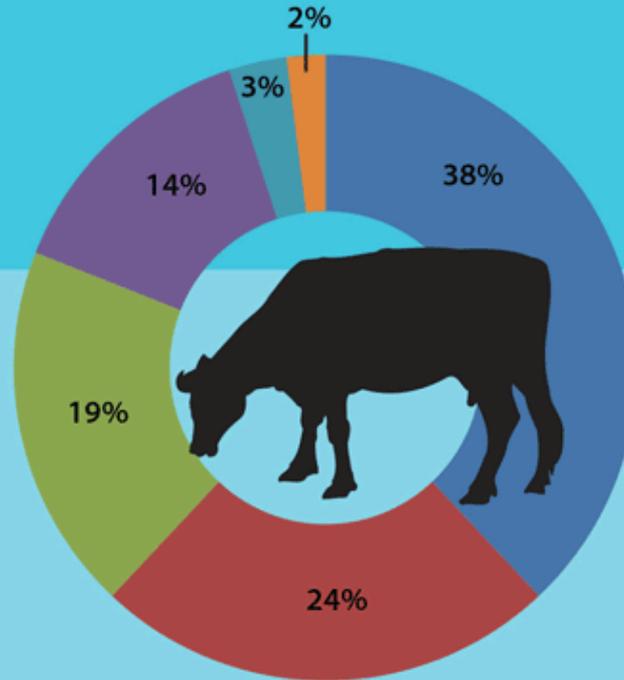
U.S. VETERINARY PROFESSION 1931*

LA: 76%
SA: 24%

1931

Practitioners'
time at work

- Cattle
- Small animal
- Equine
- Swine
- Poultry
- Sheep



Source: AVMA Committee on Education survey

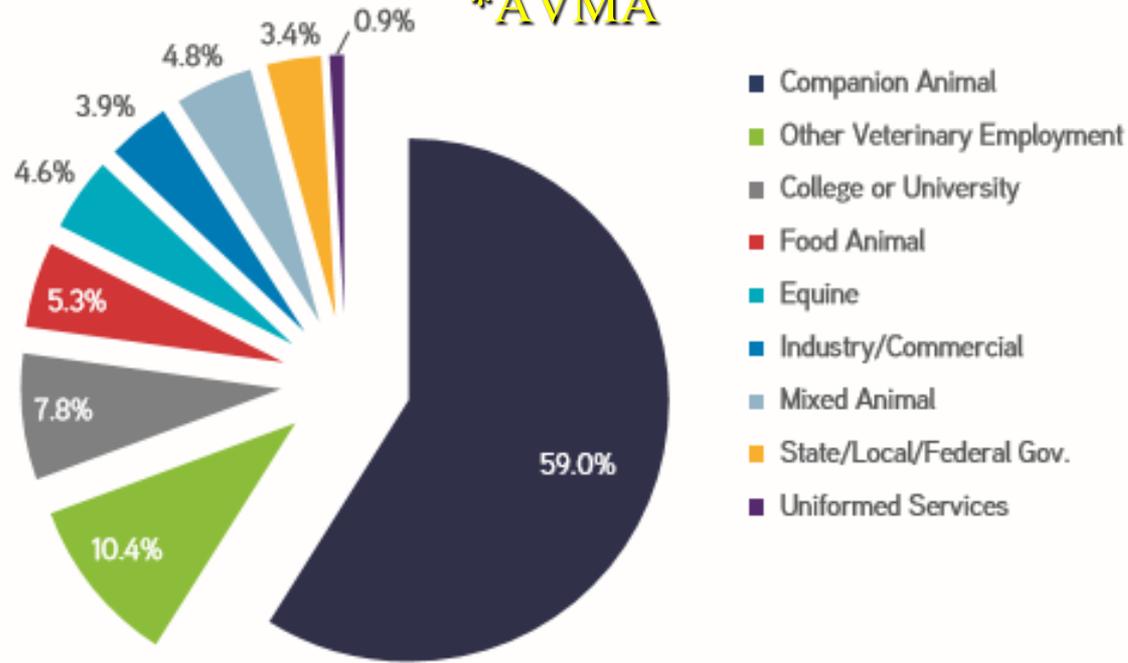
*AVMA



VETERINARY POPULATION, 2016

*AVMA

SA: 59%
LA: 14.7%

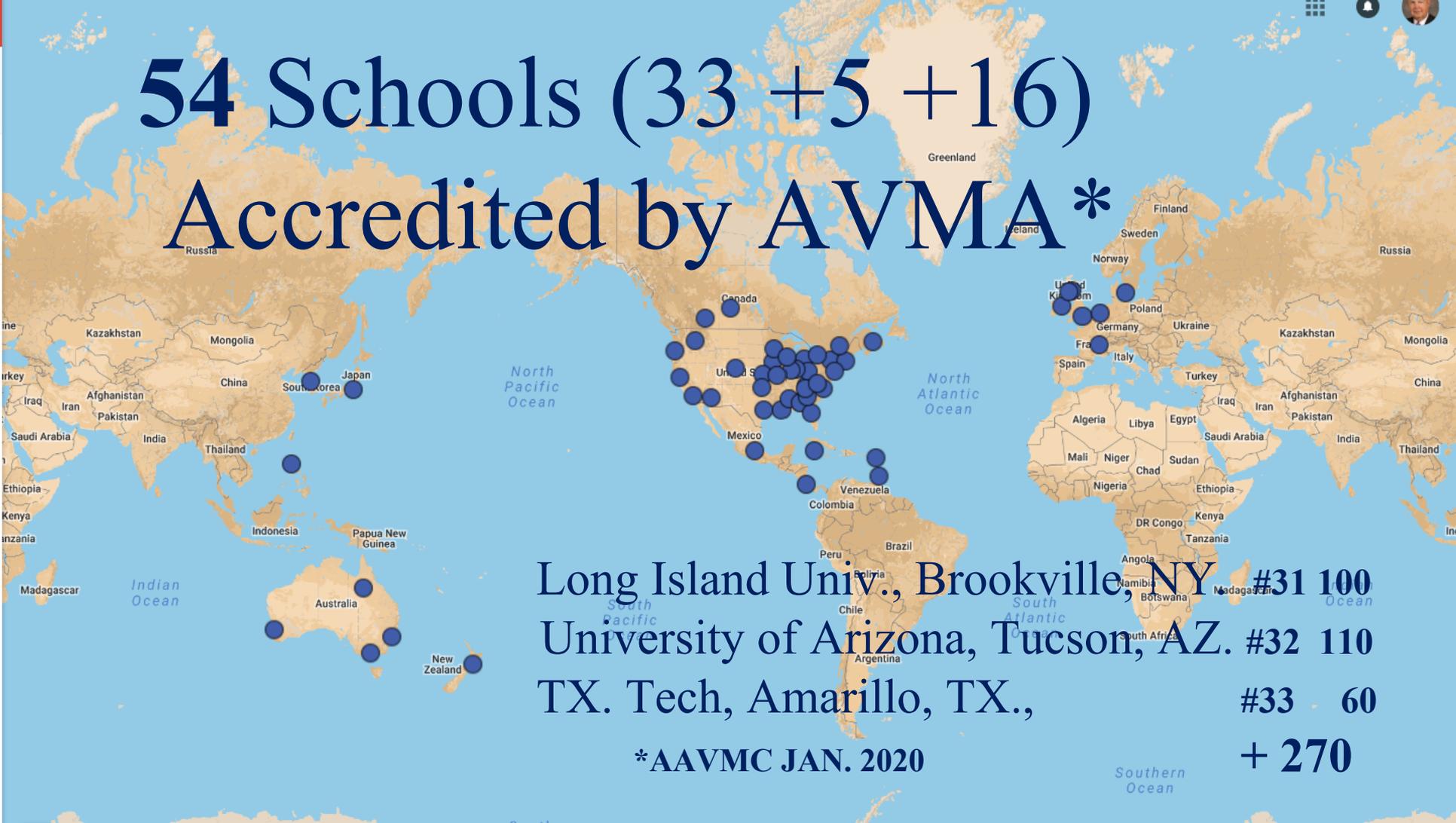


Estimated number of veterinarians as of December 31, 2016: 107,995

Figure 2

54 Schools (33 + 5 + 16)

Accredited by AVMA*

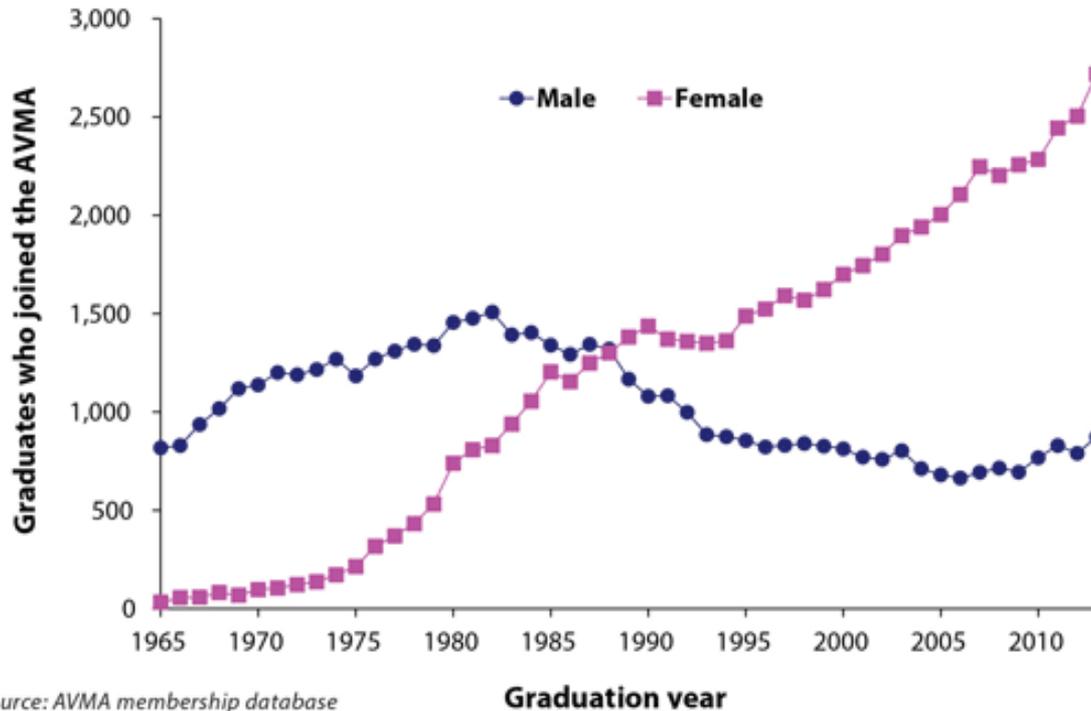


Long Island Univ., Brookville, NY. #31 100
University of Arizona, Tucson, AZ. #32 110
TX. Tech, Amarillo, TX., #33 60

*AAVMC JAN. 2020

+ 270

WOMEN IN VETERINARY MEDICINE



Source: AVMA membership database

Graduation year



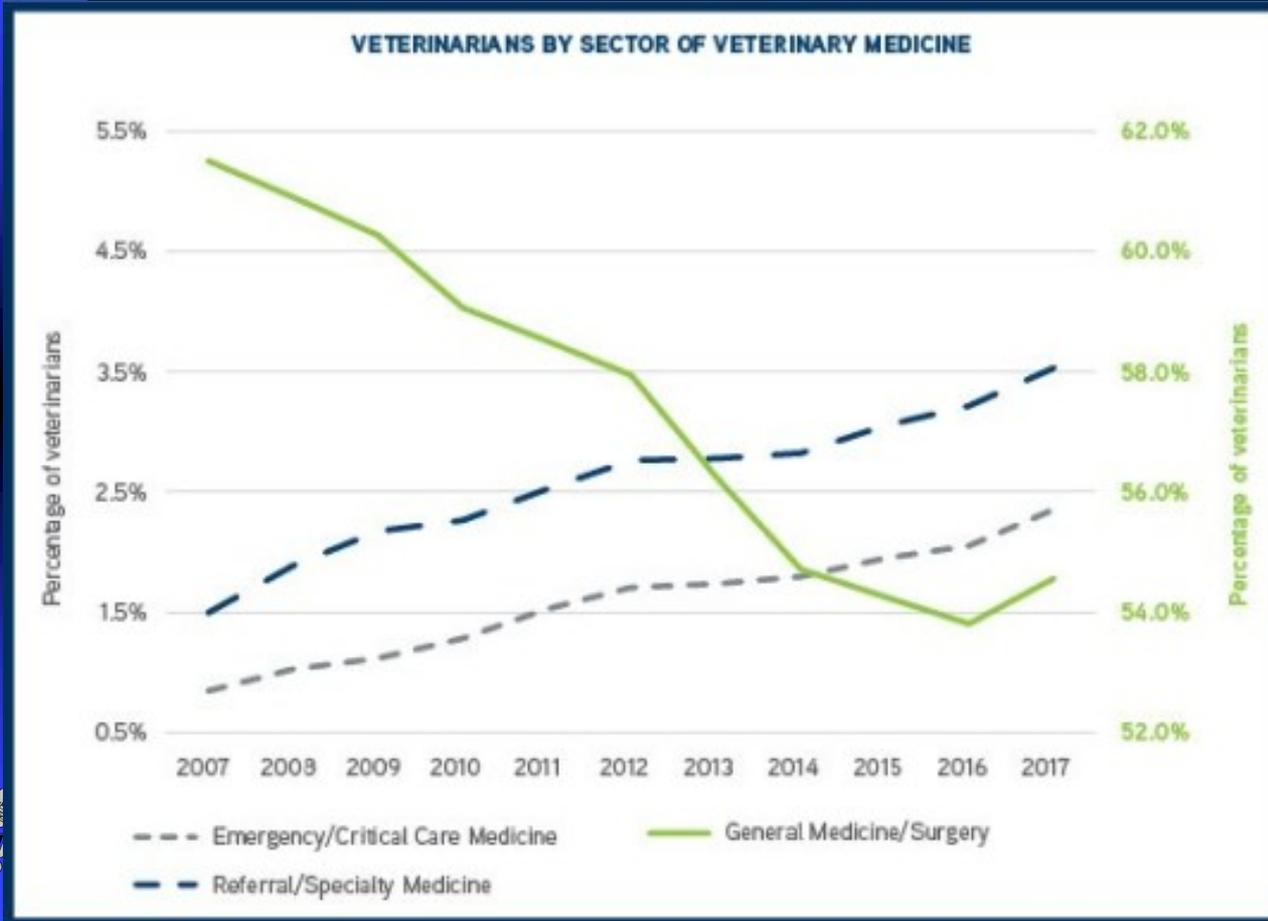
SPECIALISTS IN PRACTICE & TEACHING

- 1973: ACVS 75 total (5 private practice)
- 2020: ACVS 2,207 total (1,800)
- 2020: 94 New ACVS Diplomates added
- 2018: Shortage of Specialists *

*JAVMA, Oct. 15, 2018



SHIFTING DEMAND FOR VETERINARIANS



Boomers 33%

Gen X 25%

Mill 39%

Owners 20%

Female 62%

JAVMA June 2019



Areas of technician specialists: (16)

- Emergency/critical care
- Internal Medicine
- Anesthesia
- Behavior
- Dentistry
- Clinical Pathology
- Dermatology
- Laboratory Animal
Nursing
- Clinical Practice
- Surgery Nursing
- Equine Nursing
- Zoo Medicine Nursing
- Nutrition
- Ophthalmic Nursing
- Rehabilitation
- Diagnostic Imaging

* More being considered:(Education)



FUTURE for VETERINARY MEDICINE

- The Bureau of Labor Statistics expects opportunities for veterinarians to rise 18% and opportunities for veterinary technicians to increase 20% through 2026*

*AVMA Smart Brief Nov. 2017

- Veterinarians ranked No. 8 on the list of the **25 best health care jobs of 2020**, beating out RNs, Physical therapists, speech-language pathologists, pharmacists and chiropractors.

Every year, US News & World Report analyzes the job market and future job market outlook to rank the **100 best jobs**. In 2020, veterinarians made the list at **No. 10**.



US News: Jan. 2020



CHANGES IN VET. MED.

1. Demographics (LA, male > SA., female)
2. Nat. Vet. Staff Union / **Efficiency** / Number of DVMs
3. Fees (salary) DVMs \$80 – 85K**; (\$183K debt) VT \$32-38K
4. Technology / Internet / Website / Social Media **JAVMA AUG. 1, 2020
5. **Ownership of practices** (Private vs. Corp.) Mars/VCA; Walmart
6. ↑ Quality / Specialists / Emerg. Services
7. **Student debt** (2nd largest next to R.E. @\$1.6T)
8. **Stress Recognition** (1 in 6 DVMs has considered suicide*) *AVMA, 2017

Recent study* Higher wellbeing: M, >55, non-prac., debt free, Food Animal Prac.

*Merck Study, JAVMA, May 15, 2018.



Suicide risk for veterinarians twice that of general population

- According to a new study*, female **veterinarians** are 2.4 times more likely and male veterinarians are 1.6 more likely to die by suicide (**Pentobarbital**)
- The suicide rate for male **veterinary technicians** and technologists was five times higher for men and 2.3 times higher for women than the average U.S. citizen. Many of those deaths were due to **opioid** suicide overdoses.
- "Based on the research findings, prevention activities should be aimed at veterinary technicians as well as veterinarians," researchers wrote in the study. "In addition, the results indicate the higher likelihood for suicide among veterinarians compared with the general population might be attributable to pentobarbital access."
- **Reasons for increased rates: Educational debt, euthanasia of pets, owners who opt out of recommended treatment, access to pentobarbital.**

*JAVMA, SEPT. 1, 2019



11 STATES TO AVOID

as they do **not** recognize VT*

✓ CT., MA., MI., MN., MT.,
NH., NJ., RI., UT., VT., WY.



*JAVMA., Nov. 15, 2018



VETERINARY TECHNICIANS*

74% have Associate degrees

*NAVTA '16

- Mean salary \$35,060 + B (\$16.86 / hr.)
- 38% work part time @ \$16.80 / hr.
- 39/50 (80%) states require credentialed VTs
- 95% female
- 7.0 years mean duration of employment
- NAVTA Facebook 130,000 +
- VTS mean salary \$48,800 (\$23.50/hr*.) *JAVMA Jan. 1, 2016



VETERINARY MEDICINE

I have had a wonderful career and still enjoy it every day and feel blessed after 54 years. The difference between just working in a clinical setting and enjoying a professional career is the proper use of the credentialed veterinary nurse. They have always been my savior.

Dennis M. McCurnin, DVM



THANK YOU

