Career Explosion!
A Boom of Students Pursuing the Veterinary Profession

A Department of Homeland Security Science and Technology National Center of Excellence
Career Development for the Veterinary Professional

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Professor & Extension Veterinarian
National Center for Foreign Animal and Zoonotic Disease Defense
Texas AgriLife Extension Service
Texas A&M System
- Evaluate interests and abilities
- Make commitment (focus, blinders)
  - Highly motivated and dedicated
- Work with veterinarians
  - Develop veterinary experience
- Work with animals
  - Develop animal experience
Plan HS curriculum with advanced sciences

- Calculus or statistics
- Physics
- Chemistry
- Zoology (genetics, nutrition, biology)
- Microbiology
- Animal science
- Veterinary science
- Initial college enrollment
  - Junior college (transfer after 31 hours)
  - Senior college
    - Know how to study
    - Study habits
    - Time management
    - Focused
    - Large classes
Alternate Career Program – BS Degree

- **College of Veterinary Medicine & Biomedical Sciences**
  - Biomedical Science

- **College of Agriculture & Life Sciences**
  - Animal Science
  - Biological & Agricultural Engineering
  - Biochemistry
  - Genetics

- **College of Science**
  - Biology
  - Chemistry
  - Microbiology
  - Molecular & Cell Biology
  - Zoology
- College science courses – prerequisites
  - Biology
  - Microbiology
  - Genetics
  - Nutrition
  - Animal Science
  - Inorganic chemistry
  - Organic chemistry
  - Biochemistry
  - Calculus or statistics
  - Physics
Professional Career Program

- DVM Degree
  - State/National Board Exam
    - Licensed Veterinarian
    - State Board of Veterinary Medical Examiners

- PhD Degree
Fields of employment

- Companion animal health
- Exotic animal health
- Food animal health
- Laboratory animal health
- Human health
Kinds of employment (types)

- Private veterinary practice
- Public veterinary practice
- Industry veterinary practice
Questions?
Specialties of employment
- Regulatory
  - One-health – integrated animal health, human health, environmental health
- Laboratory – research, diagnostic laboratory
- Clinical – diagnosis, treatment
Contact Information

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