Equine and Farm Animal Center

- Equine Medicine
- Equine Surgery
- Equine Ophthalmology
- Equine Theriogenology
- Equine Outpatient Imaging
- Ruminant Health Management
- Poultry Health Management
- Pig Health and Production

Satellite and Field Services

- Equine Health Center at Southern Pines
- CMAST Marine Health Program
- Farm Animal Field Services:
  - Ruminant Health and Reproduction Field Service
  - Poultry Health Management
  - Pig Health and Production
- Zoologic Medicine Service

Clinical Support and Diagnostic Services

- Dermatology
- Ophthalmology
- Oncology:
  - Medical Oncology
  - Canine Bone Marrow Transplant Service
  - Radiation Oncology
- Orthopedic Surgery
- Soft Tissue and Oncologic Surgery
- Cardiology
- Neurology
- Internal Medicine
- Emergency and Critical Care

Randall B. Terry, Jr.
Companion Animal Veterinary Medical Center
“The Terry Center”

- Dermatology
- Ophthalmology
- Oncology:
  - Medical Oncology
  - Canine Bone Marrow Transplant Service
  - Radiation Oncology
- Orthopedic Surgery
- Soft Tissue and Oncologic Surgery
- Cardiology
- Neurology
- Internal Medicine
- Emergency and Critical Care

Veterinary Health & Wellness Center

- General Limited Practice (listed on internal website only)
- Behavior
- Dentistry
- Nutrition
- Companion Animal Theriogenology
- Mobility/Rehabilitation
- Clinical Trials
- Community Education and Outreach
- Exotic Animal Service
- Safe Haven Program
- Blood Bank Services
- Feline Hyperthyroid Treatment Clinic

Clinical Support and Diagnostic Services

- Radiology
- Anesthesiology
- Pharmacy
- Anatomic Pathology
- Clinical Pathology
- Clinical Pharmacology
- Microbiology
- Virology
- Immunology
- Laboratory for Advanced Electron and Light Optical Methods (LAELOM)
- Vector Borne Disease Diagnostic Laboratory
- Laboratory Animal Medicine
Program Highlights

- Veterinary Health Complex
- Teaching Animal Unit
- Animal Scan Pet Imaging Center
- State-of-the-Art Graduate Research Building
- Center for Comparative Medicine and Translational Research
- Equine Health Center at Southern Pines
- Center for Marine Sciences and Technology in Morehead City (CMAST)
- Center for Chemical Toxicology Research and Pharmacokinetics
- Terry Center Companion Animal Hospital opened in June 2011 -- $20 Million Gift from R.B. Terry Foundation
Veterinary Medicine Highlights

Only 28 colleges in the United States

Roughly 6,500 applicants per year nationwide

Both applicant pool and student enrollment is >80% female

NC State: 100 slots (80 res, 20 nonresident)

Approximately 850 applications each year
Two Part Process

VMCAS Application

NC State Supplemental Application
### OBJECTIVE SCORING BARS

<table>
<thead>
<tr>
<th></th>
<th>NC Residents GPA</th>
<th>Out of State GPA</th>
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<tbody>
<tr>
<td>Cumulative</td>
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<tr>
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<td>Required</td>
</tr>
<tr>
<td>GRE</td>
<td>General Test</td>
<td>GRE</td>
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</table>
Alternative Eligibility

- Consideration of applicants who do not meet the minimum academic standards (GPA requirements in one GPA category).

- Identify applicants who may have had some impediment (medical issue, family illness, unrelated major) to meeting minimum academic standards. It is incumbent on the applicant to provide evidence of academic strength (usually a stronger Last 45 GPA or Required Course GPA) while detailing what strengths he or she would bring to the admitted class in light of the overall academic record.

- Consideration under "Alternative Eligibility" applies only to GPA requirements and not the other admissions requirements.

- Alternative eligibility must be requested at time of application by completing the appropriate section (Question #6) on the Supplemental Application.

- Effective the 2011 admissions cycle, Alternative Eligibility for NC Residents only.

- Effective the 2012 admissions cycle, Alternative Eligibility for one GPA category only.
## Required Courses

<table>
<thead>
<tr>
<th>Animal Nutrition (3)</th>
<th>Chemistry, General (8)</th>
<th>Humanities &amp; Social Sciences (6)</th>
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</thead>
<tbody>
<tr>
<td>Biochemistry (3)</td>
<td>Chemistry, Organic (8)</td>
<td>Microbiology (4)</td>
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<tr>
<td>Biology (4)</td>
<td>Composition &amp; Public Speaking (6)</td>
<td>Physics (8)</td>
</tr>
<tr>
<td>Calculus or Logic (3)</td>
<td>Genetics (3 or 4)</td>
<td>Statistics (3)</td>
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</tbody>
</table>
SUBJECTIVE REVIEW

AREAS TO BE EVALUATED:

1. VETERINARY EXPERIENCE
2. ANIMAL EXPERIENCE
3. LETTERS OF RECOMMENDATION
4. PERSONAL STATEMENT
5. EDUCATIONAL EXPERIENCE
6. DIVERSITY
7. EXTRACURRICULAR/COMMUNITY ACTIVITIES
VETERINARY EXPERIENCE

AT LEAST 400 HOURS OF:
   CLINICAL
   AGRIBUSINESS/FARM
   HEALTH SCIENCE/RESEARCH

*under supervision of veterinarian or scientists
*1200+ hours is highly recommended (400 hours of small animal, large animal, food animal, zoological, exotics, aquatics, research, etc.)

Duration of experience, level of duties, diversity of experiences
ANIMAL EXPERIENCE

All other animal related experiences:

- Working with livestock
- Breeding/showing dogs and related
- Equestrian activities
- Working at zoo, pet shop, aquarium, kennel

100+ hours per experience is recommended
Duration, level of duties, and diversity of experiences

This category does not include individual pet ownership.
LETTERS OF RECOMMENDATION

THREE LETTERS OF RECOMMENDATION REQUIRED

Two from a veterinarian/PhD scientist for whom you have worked is highly recommended.

Reference should include separate letter with specific examples.

You will be asked to provide names and addresses for all veterinarians/scientists for whom you have worked or are currently working who did not provide a written letter of recommendation.
PERSONAL STATEMENT

THREE aspects of your personal statement will be evaluated:

1. YOU AS A PERSON

2. DEVELOPMENT OF YOUR INTEREST IN VETERINARY MEDICINE (within context of your experiences, what prepared you for a career in veterinary medicine, your understanding of the profession)

3. CAREER GOALS (what you currently anticipate doing with your degree in veterinary medicine)

_Evaluated for maturity, poise, consistency of goals and writing skills. Draft like a cover letter. Realism over romanticism._
EDUCATIONAL EXPERIENCE

EVALUATION OF ACCOMPLISHMENTS
- honors
- awards
- advanced degrees
DIVERSITY

- Evaluated for the diversity you could bring to the class:

- Examples
  - Career interest in area with national shortage
  - Graduate school course work and graduate degrees (master and doctorate-level)
    - Other career and/or life experiences
    - Personal/economic hardship
    - Under-represented minority group
    - North Carolina residency (3 or more years duration)
    - Under-represented North Carolina counties
EXTRACURRICULAR COMMUNITY ACTIVITIES

Leadership roles in clubs (college/university, hobby), athletics (intramural, club) and community organizations

Team building experiences/Group experiences

Duration and depth of accomplishment

Both collegiate and high school experiences are given consideration in this category.
SUPPLEMENTAL APPLICATION

• A Supplemental Application is available on our web site beginning in mid June to all VMCAS applicants with an October 1, 1:00 pm due date in 2013.

• Supplemental information needed in lieu of interview process.

• Opportunity to get to know more about you as an individual and future veterinarian.
SUPPLEMENTAL APPLICATION

QUESTIONS
Describe a situation that would highlight your skills in:

- Interpersonal Relations  Self-Management
- Communications   Leadership
- Practice/Business Work  Independent Thinking
- Cooperation & Teamwork  Entrepreneurial Activities

Describe using your own experiences your understanding of:
- Ethics and ethical standards of behavior
- Role of a veterinarian in research and animal welfare
APPLICATION INFORMATION

- VMCAS DUE OCTOBER 1, 2013 for Fall 2014 admission. (Class of 2018)
- Web Application becomes available in June.
- *MUST BE FILED ELECTRONICALLY*
Pointers

1. Research programs of interest
2. Know the admissions requirements
3. Keep a journal of experiences
4. List information accurately on VMCAS
5. Qualified doesn’t = competitive
6. Realism over romanticism
7. Less is more for LOR
8. Talk to the professionals-US!
9. Sell yourself!
CONTACT INFORMATION

Student Services

DVM Program  (919) 513-6262
Graduate Programs  (919) 513-6357
Web  www.cvm.ncsu.edu

- DVM program  cvm_dvm@ncsu.edu
- Graduate programs  cvm_grad@ncsu.edu
- (CBS, FSW, SVM)