Mission Statement

The Theriogenology Foundation is a global resource that supports education and research in reproductive medicine; ensuring that future generations of animals continue to enrich our lives through service, companionship, and food for a growing human population while conserving our natural resources.

From the pen of the president

THINK BIG. More memorable than meeting a friend at the escalator, I positioned myself in the Time Warner Center lobby next to a bronze “Adam.” Colombian artist Fernando Botero turned an ordinary statue into an extraordinary NYC landmark by smacking folks at eye level with his interpretation of fertility and power. Leave it to New Yorkers to burnish it as a good luck charm, rubbing off the patina to an Auric Goldfinger color. It reminded me that life is too short to think small.

As 2017 rapidly approaches, I ask you to “think big” in your support of the Foundation. In 2009 we started small, believed big and moved quickly. Our partnership with the AKC/AKC CHF has led to an investment in post graduate veterinary education which is turning ordinary veterinarians into extraordinary theriogenologists. The Canine Breeder Excellence Seminar Tracks (C-BEST) have done just what the title says… taking regular dog folks and making them excellent canine fanciers and informed breeders. The Foundation is now ready to develop an exciting strategic plan for the next three to five years. And how BIG your Board can think depends on YOU.

Can we do more in Education? Always. We must ensure that veterinary students will consistently have a curriculum with a focus on reproductive medicine. Endowed university chairs recognize and retain the outstanding scholars and teachers who will touch hundreds of lives through instruction, student mentoring and their own academic work. For the private donor, they are an enduring tribute. For corporations, supporting an endowed chair connects them with the students, researchers and professors who can innovate and provide creative ideas for our competitive world. The TF is working to facilitate these opportunities.

Can we expand TF Development? Love to. However, “The Future of Animal Reproduction” tag line also comes with a price tag. Reaching beyond our membership, establishing partnerships, building public awareness and incentivizing others to see the scientific and societal value in our discipline takes dedicated time from dedicated people. Since this is a greater commitment than our Board alone can provide, it opens the opportunity of another “chair” to fill.

Can we do more to promote Genomic Research/Genetic Testing/Genethics? Definitely. We have clear and present opportunities for collaboration in this area. Forging partnerships which open the frontiers of selective genetics for production, traits, health and behavior in animals advances one health applications in commercial, military and private sectors.

Maintain What Is Working! Someone has to pay the engineer to keep the status quo well oiled and running efficiently. Our current programs are nothing short of sensational, and they require nurturing and contributions to remain in place. Supporting the SACO fund, student chapters, research and externship programs is key to helping our students.

The time for your seasonal donation is here… after all, half of Thanks is Giving.

THINK BIG. GIVE BIG.

Thank. You.

Anita M. Migday, DVM, MS
President, The Theriogenology Foundation
My externship with Matamata Veterinary Services in Matamata, New Zealand was divided into two weeks with the farm animal service, followed by one week with GlenBred, which is their small animal reproductive service. I am very thankful that they were willing and able to provide the flexibility for me to see both their large animal and small animal services, as my primary interest is in comparative theriogenology and finding one practice which would allow me to see both very rare.

During my two weeks with the farm animal service, I assisted with twelve dystocias, including varying degrees of uterine torsion, malposition of the fetus, uterine inertia, insufficient cervical dilation, one ovine dystocia, and a fetal schistosom which was removed via caesarian section. Even though it was calving season for most farms, there were a few herds which required pregnancy diagnosis. I also participated in management of peri-parturient diseases such as metritis/endometritis, post-calving paralysis, and hypocalcemia. I was particularly interested in their use of intrauterine antibiotics (Metricure) for the management of endometritis, as given that this is not available in the United States, I had not previously seen this treatment approach. Matamata Veterinary Services provides reproductive planning meetings as part of their herd management package, and I was able to participate in four of these conversations. I really enjoyed these meetings, as they helped me gain a much better understanding of dairying in New Zealand. It was particularly interesting to become more acquainted with the reproductive management techniques employed to maintain the herd seasonally, since all herds in New Zealand are dependent on pastures for grazing as opposed to confinement feeding. Understandably, the vast majority of our cases were related to reproduction, but we also saw cases of Lepto, BVD, Johne’s disease, facial eczema, lameness (white line disease, toe ulcers), Salmonellosis. I am most proud of the fact that I developed the skill to reliably pass a pipette through the cervix – this was primarily done to administer Metricure in our suspected endometritis cases.

While shadowing during my final week on the GlenBred side of the practice, I was able to participate in three canine semen collections/evaluations, two transcervical inseminations, a feline caesarian section, reproductive management via monitoring of progesterone/vaginal cytology, and intentionally delaying the onset of estrus via the administration of mibolerone.

This experience provided wonderful hands-on experience with the reproductive management of multiple species. I am thankful to the veterinarians at Matamata Veterinary Services for their patient and supportive encouragement as well as the Theriogenology Foundation for their consideration of my externship grant request.
TF Planned Giving

The LeBlanc Legacy: Michelle LeBlanc, DVM, MS, dipACT

Michelle LeBlanc has many titles - clinician, researcher, and teacher. She was also a colleague, mentor, and friend. Now, through her estate planning, she is a benefactor of the Theriogenology Foundation. Michelle said that she “was in the right place at the right time.” She recognized the opportunities presented by her mentors including Dr. Woody Asbury, Dr. Twink Allen and others as she implemented the clinical application of research advances in theriogenology. Although her entire list of awards and offices is too long for this article, some of her signature achievements included president of the American College of Theriogenologists in 1997-98 and ACT Theriogenologist of the Year Award in 2000. She received the Bartlett Award for Lifetime Achievement in Theriogenology in 2013 and was inducted into the Equine Research Hall of Fame posthumously in 2014. With her untimely death, Michelle continues her contributions with a significant bequest to TF which will fund projects for many years. Her bequest is a model for us as was her life. As her friend, I was privileged to talk with her about her estate planning. She was dedicated to the advancement of theriogenology and felt strongly that leaving a portion of her estate to TF would continue her work. As members of SFT and ACT, we can use her example to affirm and sustain her vision by including the Theriogenology Foundation in our estate planning.

The Theriogenology Foundation thanks Dr. LeBlanc for her foresight and the LeBlanc family for its assistance in realizing this legacy for TF.

Carol McLeod, DVM, MS

Dr. LeBlanc’s career benefits everyone engaged in the practice of theriogenology, especially veterinarians and horse breeders. Let us all remember that as practicing veterinarians or animal breeders we each have an opportunity to further the discipline of theriogenology through our outright gifts or through our estate gifts so that we too can enhance the future of veterinary education and animal breeding. As we reflect on the Thanksgiving season we just enjoyed and the Christmas season just around the corner, please include the Theriogenology Foundation in your giving so that we can continue to expand and enhance animal breeding for generations to come. Options for how to arrange your planned gift are available on the TF website. Please accept our sincere thanks for your support.

Merry Christmas and Happy New Year!

Dwight F. Wolfe, DVM, MS, dipACT
Chair, Planned Giving Committee

TF Donor Recognition

Supporting our Future:

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<tr>
<th>Levels of Annual Individual Giving</th>
<th>Genesis Society: $5000 or more</th>
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<tbody>
<tr>
<td>Visionary</td>
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<tr>
<td>Pathfinder</td>
<td>$100--$999</td>
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<tr>
<td>Supporter</td>
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**Rocky Mountain Society**

This society recognizes donors who have made an annual commitment to giving at the Supporter Level or higher for five or more consecutive years. The milestone years for recognition in the Society are 5, 10, 15, 20 and 25 consecutive years.

The 10 yr. level is known as the Dr. S. J. Roberts Circle of the Rocky Mountain Society.

The 20 yr. level is known as the Dr. David Bartlett Circle of the Rocky Mountain Society.

1954 Society

This Society recognizes donors whose legacy gifts play a key role in securing the future of the Theriogenology Foundation. These donors have remembered the TF with a lifetime income gift or as a beneficiary of a will, trust, retirement plan, or life insurance policy.

The 1954 Society is named for the year in which the Rocky Mountain Society for the Study of Breeding Soundness in Bulls (now the Society for Theriogenology) was organized. Circles within the 1954 Society provide for additional recognition opportunities:

The **Legacy Circle** honors donors whose cumulative lifetime giving totals between $60,000 and $100,000.

The **Founders Circle** honors cumulative lifetime giving that totals between $100,000 and $150,000.

The **Inventors Circle** honors cumulative lifetime giving that totals between $150,000 and $200,000.

The **Fertile Circle** honors cumulative lifetime giving exceeding $200,000.
Theriogenology Foundation
2016 review

Research Grants
The Theriogenology Foundation offers research grants up to $5,000 for proposals that focus on all aspects of theriogenology including (infertility, endocrinology, neonatology, obstetrics, etc.). In exceptional circumstances, grants up to $10,000 may be considered. Active Diplomates, Honorary Members of the American College of Theriogenologists, veterinarians who are Society for Theriogenology members in private practice, industry or on faculty, or residents enrolled in ACT approved residency programs (including the alternate route) and have a minimum of one year remaining in their training program are eligible to apply for these grants.

One bovine research grant has been awarded so far in 2016:
- Dr. Jessica Rush, Auburn University “Histologic Comparison of the Penile and Preputial Epithelium of Young vs. Mature Bulls”

Student Chapter Grants
The TF receives and considers requests for funding of student chapter grants intended to provide educational advancement of students interested in theriogenology. Furthermore, primary consideration is given to funding requests which provide an educational experience in theriogenology that is beyond the scope of the basic curriculum. The TF may consider all or partial funding of a request based on the annual budget and the merit of the educational experience to students. Funding to cover a speaker’s travel expense is also available.

One student chapter grant has been awarded in 2016:
- University of Tennessee – $500

ACT Student Outreach
The ACT seeks to promote awareness of the College and to encourage veterinary students to aspire to Diplomate status after graduation. The purpose of this fund is to facilitate travel and related expenses for non-local ACT Diplomates invited by student groups to visit and teach at veterinary schools. ACT/TF hopes that these visits will stimulate student enthusiasm and interest in the College by broadening students’ awareness of the many opportunities open to our Diplomates. This opportunity is open to all student groups. It is not required that the school has an active Student Chapter of the SFT.

One grant in 2016 has been awarded to:
- The University of California – Davis School of Veterinary Medicine to host speaker Katrin Hinrichs, DVM, PhD, DACT

Travel Grants
In 2016 the TF also awarded $5,600 in Student Travel Grants to assist veterinary students who were travelling to attend the Therio Conference in Asheville. These students were presenting abstracts, posters, student case presentations or taking part as a quiz bowl team member at the conference. $1,500 was awarded in Resident/Intern Travel Grants this year and $750 was awarded in a New Faculty Travel Grant.

Student Case Presentation Winners
Presenters (Left to Right): Kaitlyn McCombs (first place), Christine Garrett (second place), Lindsey Rothrock (sixth place), Rachel Shutter (third place) Jennine Lection (fourth place), and Kelsey DiMiceli (fifth place).

SCOTY Award Winners
Student Representatives

AKC-TF Companion Animal Residency in Theriogenology

2016 TF Grants Awarded as of 11/3/16

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<th>Category</th>
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<td>Resident/Intern Travel</td>
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<td>New Faculty Travel</td>
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<td>Student Externship</td>
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Student Case Presentation Winners

SCOTY Award Winners

SCOTY Award Winners

NC State Student Representatives
Student Externship Grants

Student Externship Grants are grants intended to support experiential educational advancement of students interested in theriogenology. So far in 2016, $2,750 in externship grants have been awarded.

AKC, AKC-CHF and the TF 2016 Companion Animal Residencies

All of the residencies are made possible by generous grants from the American Kennel Club and the AKC Canine Health Foundation and are for new residents who began their studies in 2016. Current programs exist at Auburn University, North Carolina State University, The Ohio State University and University of Pennsylvania. Each grant is in the amount of $100,000, to be used for study over two to three years.

2016 Canine Breeder Excellence Seminar Track Events

A 2016 Canine Breeder Excellence Seminar Track was held on March 19, 2016 at Michigan State University CVM. This seminar directed to dog breeders and owners, provided information to better understand canine reproductive health and provide tools for successful breeding programs.

A C-BEST program was held Saturday, April 30, 2016 at Penn Vet. This one day seminar included topics on: Canine reproductive advancements and consideration for the future stud dog infertility - who dropped the ball?, Advances in canine genetics: Why a breeding program is important for working detection dogs, The world according to dogs, Mother nature meets mother nurture, and The microbiome in canine health and disease.

A C-BEST was held on Saturday May 21, 2016 - Virginia - Maryland CVM. Topics included: Genetics for sound breeds and sound dogs, Hypothyroidism, Fact-based evidence for breeders, To supplement or not to supplement—that is the question, Practical stud dog management: Keys to preserving your future genetics, Parasite control: What, when, and how for your breeding stock, Puppy protection!, and Implementing infection control into your breeding program. The program was followed by a Q&A session.

A C-BEST program at Tufts was held on Oct. 1, 2016. In conjunction with the Theriogenology Foundation, Cummings School presented a day of genetics education for the discriminating breeder, owner, veterinarian or technician. Gleaning information from the leaders in the field, this day provided useful information that can be applied to attendees’ breeding programs. Time for interaction between participants and presenters was a key point of this conference.

A C-BEST program at North Carolina State University was also offered on Oct. 1, 2016. This one day symposium featured lectures about the current standards of pregnancy management and perinatal care for bitches and puppies. Emphasis was on normal pregnancy and whelping management, planning cesarean sections, and puppy care in the first week of life. Attendees included veterinarians, breeders, technicians, and lay-people.

The TF is also partnering with the AKC again this year to host a C-BEST program as a part of the AKC National Championship in Orlando, Fla. The date of the seminar will be Friday, Dec. 16, 2016.

Several other schools will partner with TF to host their own Canine Breeder Excellence Seminar coming up in 2017. Check the calendar on the TF website to see what may be in your area. If you or your school is interested in partnering with TF for one of these worthwhile events, please email, C-BEST@Franzmgt.com or call 334.395.4666.

SACO Challenge - Get in the Game!

The Theriogenology Foundation, the American College of Theriogenology and the Society for Theriogenology recognize that our veterinary students represent the future of theriogenology. The annual Therio Conference provides an excellent opportunity for veterinary students to expand their knowledge of theriogenology as well as time to meet and interact with Diplomates, veterinarians and other students who share their interest in animal health education.

SACO Challenge – Contributions to date

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reproduction. With these facts in mind the TF has endeavored to financially support student travel to the conference. In the interest of furthering that support and giving alumni of each CVM the opportunity to support student travel from their alma mater, the TF has initiated “The Student Annual Conference Opportunity (SACO) - Alumni Challenge.”

Alumni of each veterinary college have been challenged to donate to the fund, designating their contributions to their alma mater, another school or schools of their choosing, or the general travel fund. Contributions will be placed in a separate category in TF’s Restricted Funds for this program, designated for students of each CVM. Twenty percent of each donation will be designated to the “general travel fund” to assist students from schools where alumni participation doesn’t rise to the challenge and meet the demand from their college. Students will apply annually to the TF for travel grants. Any unused funds will be carried over year to year.

Support your school colors and make a donation to the SACO Challenge! Take the challenge and compete with other veterinary college alums while helping students with a keen interest in theriogenology get to the annual Therio Conference. Amounts designated to a particular college are funded 80 percent to that college and 20 percent go to general. Donate today at www.theriofoundation.org and take the lead! Select “SACO Challenge” in the “Select your fund” window and type in your favorite veterinary college in the “donor comments.”

TF luncheon brings theriogenology stakeholders together

The Theriogenology Foundation took the opportunity to bring together the stakeholders in the American Kennel Club/American Kennel Club-Canine Health Foundation/Theriogenology Foundation Companion Animal Residencies in Theriogenology by hosting a luncheon at the 2016 Therio Conference in Asheville, N.C. on July 29. The luncheon was well attended and all were excited about the growth of the programs and the launch of the 2016 residencies. All of the residencies are made possible by generous grants from the AKC and the AKC-CHF and are for new residents who began their studies in 2016. The programs exist at Auburn University, North Carolina State University, The Ohio State University and University of Pennsylvania. Each grant is in the amount of $100,000, to be used for study over two to three years. Past residencies funded through this grant in 2014 and ending this year were for programs at University of California/Davis, Auburn University and University of Pennsylvania.

Dr. Margret Casal, Associate Professor of Medical Genetics at PennVet spoke about the importance of theriogenology in school programs, followed by TF President Anita Migday, who emphasized the importance of these residencies to the field of theriogenology. A video was played which highlighted the work the Foundation is doing in conjunction with the AKC and AKC-CHF. The video is available for viewing on the TF website on the home page. Auburn University was represented by Dean Calvin Johnson and North Carolina State University’s Dean D. Paul Lunn also attended. All left the luncheon with a clear vision of the possibilities in the field and what the future of theriogenology has to offer our society as a whole.
Congratulations to the AKC, AKC-CHF, TF companion animal residents beginning their programs in 2016

**The Ohio State University resident**

**Tessa Fiamengo, DVM**

Tessa graduated with honors from Colorado State University, Fort Collins, Colo., with a major in Biology and minors in Biomedical Sciences and Philosophy in 2007 and earned her veterinary degree from Oregon State University, Corvallis, Ore. in 2012. Since her graduation from veterinary school Tessa has been working as a small animal general practitioner in Portland, Ore. While Tessa's interest in theriogenology has been long standing, prior to veterinary school most of her experience was in equine reproduction. While attending Oregon State, she learned about the involvement of theriogenologists in canine breeding. Her clinical experiences after graduation has continued to strengthen her desire to work in field of reproduction aiding owners in the responsible breeding of healthy members of the next generation. Tessa is a member of the American Veterinary Medical Association and the Society for Theriogenology.

**PennVet resident**

**Victor Stora, DVM**

Victor received his Bachelor of Science from Wagner College, Staten Island, N.Y., with a double major in Molecular and Cellular Biology and Biochemistry in 2011 and received his veterinary degree from the School of Veterinary Medicine, Louisiana State University, Baton Rouge, La. Of note, one of his Bachelor’s Thesis was: “Characterization of acquired renal Fanconi Syndrome as a result of jerky treat ingestion made in China in canines”, which is still a problem recognized today in smaller breed dogs. All throughout veterinary school, Victor has received several awards and scholarships. He has always had a keen interest in small animal reproduction, which he could showcase during his internship at Virginia Tech from July 2015 - July 2016, where he became the go to person for all small animal theriogenology questions. He is a member of the Society for Theriogenology, the AVMA, and the Society for Andrology. Besides being a native English and Italian speaker, he breeds Shetland Sheepdogs.

**North Carolina State University resident**

**Karen Von Dollen, DVM**

Born and raised in Santa Barbara, Calif., Dr. Karen Von Dollen has known she wanted to be a veterinarian from an early age and spent her childhood participating in 4-H. For her undergraduate degree, Dr. Von Dollen attended Bryn Mawr College in Pennsylvania, where she majored in chemistry with minors in mathematics and biology and was a member of the varsity lacrosse team. She returned to California to earn her DVM degree from the University of California - Davis. Following graduation, she completed internships at Alamo Pintado Equine Medical Center in Los Olivos, Calif. and Goulburn Valley Equine Hospital in Victoria, Australia. Her family maintains a small herd of Nubian dairy goats in California, which helped form the foundation for Dr. Von Dollen’s veterinary aspirations.

In her spare time, she enjoys spending time with family, traveling to visit friends, and relaxing with her beloved corgi "Nora". Dr. Von Dollen is thrilled to be at North Carolina State University’s College of Veterinary Medicine, pursuing her passion for reproduction through a comparative theriogenology residency, horseback riding, and theater.

**Auburn University resident**

**Carla Barstow, DVM**

Originally from Tampa, Fla., Dr. Barstow has been showing and breeding Samoyeds for over 20 years. Prior to obtaining her DVM degree, she spent 10 years working in the veterinary field as a technician. Dr. Barstow then pursued her DVM degree at the University of Minnesota, where she received mentorship from Dr. Peggy Root Kustritz who cultivated her love of theriogenology even further. Upon graduation, Dr. Barstow returned to Tampa, Fla. and joined a private practice which emphasized reproduction and enjoyed a heavy theriogenology caseload. This further solidified her interest in reproduction and encouraged her to expand her theriogenology training.

www.theriofoundation.org
Donating to the Theriogenology Foundation

Did you know that there are several ways that you can make a donation to the Theriogenology Foundation that will not affect your current lifestyle, or will even pay you an income? You can leave benefits from a Retirement Account, Life Insurance policy, real estate or personal property (collectibles, art, books). Take advantage of the many creative ways to benefit yourself, your beneficiaries and the Theriogenology Foundation while saving tax dollars in the process. Please take a moment to explore the Planned Giving page out on the Theriogenology Foundation’s website, [http://therio.plannedgiving.org](http://therio.plannedgiving.org). There are worksheets available and additional information to help you consider all of the options.

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