

# THE River

FUNDING THE FUTURE OF THERIO

Newsletter of the Theriogenology Foundation

Vol. 2, Fall Issue

## 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*

The four generations of Bullmastiffs in our living room is a testament for my family's appreciation of the TF mission.

Decades of advances in reproductive medicine and research led to the techniques employed for the preservation of their genetics, insemination and delivery. They have enriched our lives by serving as protectors of our home, partners in performance events and companions on the couch. They have enriched the lives of others through service in Therapy Dog International. They have enriched our practice in veterinary medicine by being a constant reminder of why we work so hard to maintain the relationship made between people and their animals.

The Strategic Planning Committee redefined our mission statement to better communicate why the Theriogenology Foundation exists and why we must give our dollars and energy to sustain it. As one of the few specialties in veterinary medicine that is supported by a Foundation, we have a vehicle that merges our expertise in animal reproduction with the marketing, communication and educational outreach necessary to touch targeted audiences cross-species. It doesn't matter that we have amassed extensive knowledge of reproductive science if we can't disseminate it or people can't find it. Our focus on education has fostered new residencies in small animal theriogenology which will provide increased clinical competency in the veterinarians serving companion animal owners. Our focus on research must help meet the need for efficient food production and protection while minimizing stress on our



natural resources. Our continued collaborations between individuals, institutions and business has led to a proposal which would map genetic loci associated with success in canine service training programs and develop a genetic test to guide selection of dogs for training. The Theriogenology Foundation needs the professional and financial input of each of you reading this in order to achieve our mission statement.

Our practice of theriogenology ensures that we have future generations.

The Theriogenology Foundation secures our next generations' future.

Anita M. Migday, DVM, MS  
President, Theriogenology Foundation

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# TF Planned Giving

## Why choose TF Planned Giving?



Dear Colleagues,

I am writing to invite you to join a very important club, one which will allow you to positively impact the lives and careers of future theriogenologists. This club is comprised of individuals who have made a Planned Giving commitment to the Theriogenology Foundation. The requirements for membership are easy to fulfill; simply go to <http://therio.plannedgiving.org/therio/articles/9.html> and choose a giving option that works best for your situation. In my case I asked my attorney to add a codicil to my will with the following statement:

"I give and devise to the Theriogenology Foundation (Tax ID #27-0250382), located in Montgomery, AL, the sum of \$\_\_\_\_\_ to be used for its general support (or for the support of a specific fund or program)."

I indicated the amount that I wanted to bequest to the Theriogenology Foundation and specified equine research. Everyone's situation is different, but almost everyone can comfortably leave something to an organization that has had a profound influence on his/her life and career and an organization that will continue to support the advancement of theriogenology for future generations.

There are many levels of giving that can fit everyone's philanthropic intentions. Please notify Dr. Franz that you would like to make a planned giving commitment and he will be happy to describe in detail the levels and recognition that you will receive for your generous support of Theriogenology.

Thank you very much for giving strong consideration to becoming a stakeholder in the Theriogenology Foundation. Feel free to contact Dr. Franz, Dr. Anita Migday, or me if you have any questions or if we may be of service.

Sincerely,

Tom Riddle, DVM

The Theriogenology Foundation is a global non-profit which believes that the preservation and reproduction of animals is essential to human welfare. By engaging specialists in animal reproductive health and productivity, the TF formulates and implements solutions to combat human and animal diseases which threaten food security and the social and economic health of the world's population. Through the efforts of the TF, students have the opportunity to travel and participate in educational programs through specialized grants. Scientists have the resources to research and develop means of fighting disease to help the global economy develop healthier, self-sustaining food production practices, and veterinary practitioners are able to assist clients with animal reproduction through advances in theriogenology.

# TF Strategies

Know where you're going

**Yogi Berra once said, "If you don't know where you're going, you might end up some place else."**

The Strategic Planning Committee had a very productive meeting in October. The members of this committee are Drs. Richard Hopper, Don Sanders, Dwight Wolfe, Walter Zent and Mike Thompson. Also attending were Theriogenology Foundation President Anita Migday, Secretary-Treasurer Fred Lehman and Executive Director Charles Franz. This was a candid meeting, identifying the strengths and weaknesses of the TF and utilizing that information to propose a plan for the direction of the Foundation.

Consistently emerging as a strength was the combined memberships of the SFT and ACT. The knowledge, resources and personal connections of our parent organizations are the Foundation's greatest assets. As you read these strategic priorities, I encourage you to look for opportunities to utilize your personal abilities and connections to aid the Foundation.

Among the objectives of the meeting were to update the Foundation's mission statement and to determine a concise set of priorities that play to the strengths of the Foundation. The priorities established are board development, developing a model for program/research and sponsorship partnerships, expanding the role of a development officer, communication to promote research, planned giving, and challenge campaign/fund raising. A daunting task, but each of these priorities were then broken down into action items with specific committee members responsible and deadlines set for achieving these actions.

In the past, several wonderful opportunities have presented themselves to the Foundation. These opportunities were realized because individuals involved with TF recognized the

## NEW TF Mission Statement:

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possibilities and then followed up with the work necessary to turn possibility into reality. As SFT and ACT members, we have a worldwide network that can be used to further the discipline of theriogenology by seizing opportunities for research, funding, and service and channeling these through TF. We need to be aware and willing.

Thanks to all committee members for giving of their time and talents to participate in this meeting. Special thanks to Dr. Lehman for facilitating the meeting. Thanks also to Drs. Migday and Franz for their leadership and perspective during the meeting.

Mike Thompson, DVM, DACT  
President-Elect, Society for Theriogenology  
Director, Theriogenology Foundation

## TF Strategic Priorities:

1. Board Development - Develop / Inform / Orient BOD – Drs. Thompson (chair), Hopper, McLeod
2. Develop a Model for Enabling Program/Research and Sponsorship Partnership – Drs. Migday (chair), Lehman
3. Expand/Enhance the Role of a Financial Development Officer within FMS and BOD – Drs. Zent (chair), Ball, Maxwell
4. Implement a Communication Plan to Promote Research – Drs. Hopper (chair), Brinsko, Lyle
5. Expand the Planned Giving Program – Drs. Wolfe (chair), Lehman, McLeod
6. Develop a Challenge Campaign / Fundraiser – Drs. Sanders (chair), Wolfe, Hopper, Johnson

# Foundation summary

## Theriogenology Foundation news

### A review of 2014

#### Support your foundation

We hope that you will visit our website ([www.theriofoundation.org](http://www.theriofoundation.org)) which provides information on all aspects of the Theriogenology Foundation including grant opportunities, fundraising activities and updated success stories of the work being done through the Theriogenology Foundation. In addition to the giving options we currently offer, we now have a planned giving option available through the website for those of you who would like to be creative in your support of the foundation. There are several options that you can choose from such as adding the TF into your will, naming TF as a beneficiary in your retirement fund or various other gifting options. You may consider annual giving or a gift to honor someone who is no longer with us. Please visit the TF website and look under “**Giving**” to find out more about these opportunities.

This is the time of year when funds are raised for TF as members of SFT and ACT are paying their member dues. Please do not forget to make a donation when you renew your dues. You may pay online, by phone (334.395.4666) or by check. Receiving these donations is important to the future of TF and they help us support educational and research projects throughout the year.

Your clients may also contribute to TF through the website. Donations may be made in honor of you, their veterinarian, or they may wish to contribute their stud fees rather than submit them to the owner, and these donations would be tax deductible. The TF welcomes all donations as we work toward funding the future of theriogenology.

#### 2014 TF Grants Awarded as of 11/7/14

Student Travel	18 grants	varying amounts
New Faculty Travel	1 grant	\$300
Resident/Intern Travel	4 grants	\$300 each
Student Outreach	2 grants	\$1000 each,
	1 grant	\$359.40
Student Chapter	1 grant	\$500,
	2 grants	\$750 each
Student Externship	3 grants	\$250 each
Research – bovine	1 grant	\$4,850
AKC-TF Residencies	3 grants	\$233,333
Achievement Award		\$1,234

#### SACO Challenge

The Theriogenology Foundation 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 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.”

The challenge began with a \$2,000 contribution from Dr. Kit Kampschmidt of The Oklahoma State University CVM. 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



Many students traveling to the annual Therio Conference held in Portland, Ore. this year received travel grants to assist with their travel expenses and allow them to participate in the conference programs.

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.

### Travel Grants

In 2014 the TF also awarded \$4,200 in Student Travel Grants to assist veterinary students who were travelling to attend the Therio Conference in Portland, Ore. These students were presenting abstracts, posters or student case presentations at the conference. Using SACO funding, \$1000 in Student Travel Grants was awarded for students attending the conference, some to participate as quiz bowl team members. An additional \$300 was awarded for a New Faculty Travel Grant to a member who had just received an academic appointment and \$1,200 was awarded for Resident/Intern travel.

### 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.

#### The 2014 student chapter grants were awarded to:

- University of California, Davis – to host speaker Ina Dobrinski, DMV, MVSc, PhD, DACT
- The Ohio State University – to host speaker Patrick McCue, DVM, PhD, DACT
- Iowa State University – to host speaker Lisa Pearson, DVM, MS, DACT



### 2014 Research Grant recipient

The Theriogenology Foundation has committed \$4,850.00 in funding toward the investigation of "In vitro efficacy of anti-protozoal compounds against *Tritrichomonas foetus*".

The study was designed by researchers at Auburn University College of Veterinary Medicine led by Dr. Jennifer Koziol. Dr. Koziol said, "Our group has proposed that an anti-protozoal compound can be formulated to

be applied to the prepuce and penis of the bull to cure those infected with *Tritrichomonas foetus*. A preliminary in vitro study by our group has already shown promising results. Topical and oral formulations are not novel and have been used in the past to treat infected bulls, but these drugs are no longer manufactured or have been banned by the FDA respectively."

"The successful formulation of an anti-protozoal compound to treat bulls infected with *Tritrichomonas foetus* could have major impacts on the bovine industry as a whole, as millions of dollars are lost every year due to this venereal disease," Dr. Koziol said.

### Research Grants

The TF 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 ACT, veterinarians who are SFT 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 research grant has been awarded so far in 2014:

- Dr. Jennifer Koziol, Auburn University – "In vitro efficacy of anti-protozoal compounds against *Tritrichomonas foetus*"

### ACT Student Outreach

The ACT seeks to promote awareness of the College and to encourage veterinary students to aspire to Diplomat 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 present 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.

The 2014 grants were awarded to:

- University of California, Davis – to host speaker Dickson Varner, DVM, MS, DACT
- National Taiwan University – to host speaker Wynne Collins, MVB PhD DACT

### Student Externship Grants

Student Externship Grants are grants intended to support experiential educational advancement of students interested in theriogenology. So far in 2014, \$750 in externship grants was awarded.

### Recent fundraising events

Two Canine Breeder Excellence seminars were held in 2014 to educate lay breeders on breeding techniques and updated information. One of these seminars was held in February at the Rood and Riddle facility in Lexington, Ky., the other in July on the campus of Auburn University, Auburn, Ala.

TF is currently working with the University of California, Davis on a Canine Breeder seminar to be held in early 2015. Stay tuned to the TF website for more information.

# AKC-TF residency programs

Theriogenology Foundation announces new small animal residency program partnership with the American Kennel Club

The Theriogenology Foundation is pleased to announce the establishment of the **American Kennel Club/Theriogenology Foundation Companion Animal Residency in Theriogenology** at the University of California/Davis, Auburn University and University of Pennsylvania. These three residencies which began in 2014 are supported by a generous grant from the AKC. These programs represent the starting point for a strong collaborative effort between our organizations. The programs will graduate veterinarians with special expertise in genetics, surgery and the clinical application of small animal reproductive medicine.

Since 1884, the AKC has recognized that the pedigree is the best tool for improving canine health, temperament and working skills. Purpose-bred dogs such as those that help people with physical disabilities, detect explosives or engage in sporting events have traits that are genetically determined. The rapidly changing world of clinical theriogenology and genetic testing has given dog breeders the tools to produce healthier litters and puppies with predictable aptitudes and temperaments. With this grant, the AKC acknowledges that keeping pace with the needs of their membership involves investing in the next generation of veterinary specialists.



UC Davis Drs. Autumn Davidson, Ghislaine Dujovne (holding dogs) and Bruce Christensen (in blue shirt) join Drs. Anita Migday and Charles Franz, representatives of the Theriogenology Foundation.

## Novel theriogenology residency offered at UC Davis School of Veterinary Medicine

On January 21, 2014, UC Davis School of Veterinary Medicine announced the addition of a new residency in reproductive medicine for companion animals. The novel two-year Theriogenology Residency Program will provide specialty training in all aspects of reproductive

medicine and surgery, as well as all features of clinical practice related to male and female reproduction, obstetrics and neonatology in companion animals.

Not only will the resident receive specialty instruction in all aspects of reproductive medicine, the resident will also rotate through the Surgery Service and be jointly supervised by board-certified specialists in the Internal Medicine Service and/or Surgery Service, as well as the Small Animal Theriogenology Service. Such training will qualify the resident to perform surgery when necessary.

The resident will receive on-site and off-site training with enthusiastic collaborators in private practice to gain all necessary experience and skills. The resident will also spend two months of the two-year program working with farm animals in the VMTH's Livestock Herd Health and Reproduction Service; another two months will be spent with the VMTH's Equine Reproduction Service.

## Auburn College of Veterinary Medicine adds residency program in reproductive medicine

On February 19, 2014, the Auburn University College of Veterinary



L-R, Drs. Ira Kaplan and Anita Migday with Auburn University's Dean Calvin Johnson, Dr. Charles Franz and AKC COO Daryl Hendricks.

Medicine announced it will have a new residency in veterinary reproductive medicine for companion animals.

The program will enhance Auburn's national reputation in theriogenology, or reproductive medicine, in both large and small animal medicine. The initial philanthropic investment of \$100,000, made through the Auburn University Foundation, supports one resident for three years and provides specialty training in all aspects of veterinary reproductive medicine and surgery, as well as all features of

clinical practice related to male and female reproduction, obstetrics and neonatology in companion animals.

The resident will work closely with Dr. Robyn Wilborn, Dr. Aime Johnson and Dr. Julie Gard, as well as Dr. James Floyd, interim director of the Canine Performance Sciences Program.

### **Penn Vet adds residency in reproductive medicine with gift from the AKC and Theriogenology Foundation**

The University of Pennsylvania School of Veterinary Medicine (Penn Vet) announced the addition



L-R, Penn Vet's Dean Joan Hendricks, AKC Chairman Alan Kalter, Drs. Charles Franz and Anita Migday of the Theriogenology Foundation.

of a new residency program in reproductive medicine for companion animals on March 26, 2014, thanks to a generous gift from the American Kennel Club (AKC) and the Theriogenology Foundation.

The \$100,000 gift will support one resident for two years under the guidance of Dr. Margret Casal, Associate Professor of Medical Genetics. The program provides specialty training in all aspects of reproductive medicine and surgery, as well as all features of clinical practice related to male and female reproduction, obstetrics, and neonatology in companion animals.

## **AKC-TF companion animal residents**



### **UC Davis resident**

#### **Dr. Andrea Hesser**

Dr. Andrea Hesser is the Companion Animal Theriogenology resident at the University of California at Davis. A proud Oklahoma native, she received her DVM at Oklahoma State University in 2013. Following graduation, she worked in a small animal private practice in Overland Park, Kansas. Her special interest in theriogenology is in canine breeder medicine, stemming from her extensive background in conformation and performance competitions with AKC shows. She is still actively involved with the AKC, and hopes to bring the experiences and information learned in California back to Oklahoma in a private practice setting to serve the breeder community. Andrea really enjoys teaching her clients and growing the appreciation for proper canine breeding management, and in the future she hopes to teach students at a university or in a private practice setting. Andrea also enjoys travelling, baking, hunting, leisure horseback riding, and theater.



### **Auburn University resident**

#### **Dr. Natalie S. Fraser**

Dr. Natalie S. Fraser was named the first veterinarian to participate in the AKC/Theriogenology Foundation Companion Animal Residency at the Auburn University College of Veterinary Medicine. Natalie completed her veterinary degree at the Virginia-Maryland Regional College of Veterinary Medicine in 2009, and completed an internship at the University of Illinois College of Veterinary Medicine before entering into small animal private practice in Topeka, Kansas. During the residency, she will focus on all aspects of small animal reproduction from clinical case management to gathering valuable data for research endeavors. In addition, Natalie and other faculty theriogenologists will provide expertise to the college's Canine Performance Sciences Program. Natalie is an avid competitor in AKC events including conformation dog shows, obedience/rally trials, and retriever hunt tests.



### **Penn Vet resident**

#### **Dr. Carol Margolis**

Dr. Carol Margolis graduated from Ross University and began the Companion Animal Theriogenology residency in July. She has been in private practice for the last two years and has a keen interest in small animal reproduction and conservation biology. Her interest and training with breeding programs, including those that focus on genetic preservation of endangered species, make her a unique candidate for future board certification in the American College of Theriogenologists. Carol will be working very closely with Dr. Grayson Wallace, UPenn's incoming Medical Genetics resident, who also has a keen interest in small animal reproduction. Margolis and Wallace aim to improve the welfare and health of purebred dogs by offering not only reproductive services but also genetic counseling and pediatric care in health and disease.



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*Be part of  
 the future of  
 theriogenology!*

## 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>. There are worksheets available and additional information to help you consider all of the options.

### Gifts that pay you income

**Which life-income gift best fits your needs?**

- Charitable Gift Annuity
- Deferred Gift Annuity
- Charitable Remainder Unitrust
- Charitable Remainder Annuity Trust

### Gifts anyone can make

**Popular giving arrangements**

- Gifts from Your Will or Trust
- Gifts from a Retirement Plan
- Gifts from your Donor-Advised Funds
- Gifts of Stock and Appreciated Assets
- Gifts of Life Insurance
- Gifts of Real Estate
- Gifts of Personal Property

### Gifts that protect your assets

**Popular giving arrangements**

- Retained Life Estate
- Charitable Lead Trust



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 The Future of Animal Reproduction