From the President of the Society for Theriogenology

Fall has arrived in the Rocky Mountains. The golden Aspen leaves that surround Utah Valley are a sign of the changing weather. The majestic towering peaks surrounding Springville, Utah are covered in snow. The small ruminant and cervid breeding seasons are winding down, and I find my schedule finally subsiding. I hope that the changing season finds each of you well and that 2017 has been a year filled with success and much happiness.

The 2017 conference, held in Fort Collins, CO, was a tremendous success. The scientific program was outstanding! The session chairs did an excellent job of selecting speakers whose expertise and lectures were appreciated by all who attended. An equine embryo transfer symposium and wet lab were held, with help from the Colorado State University Equine Reproduction Center, and provided participants with hands-on experience with embryo collection techniques, evaluation of embryos, cooled-transport of embryos, non-surgical transfer of embryos and vitrification. A student wet-lab was also held, which provided students with a variety of experiences in advanced equine reproductive technologies.

Over the past several years, the board of directors of the SFT have worked tirelessly to improve the Society and to promote Theriogenology. We have placed significant attention on recruiting and retaining student members. I am happy to report that student involvement in the annual conference has increased exponentially since the initiation of these efforts. The Merck Student Quiz Bowl, Student Chapter of the Year Contest and T-Shirt Design Contest all encourage student involvement and have grown each year in participation and popularity. I strongly believe that these student members will be the future of the Society, and that investment in them will yield a tangible and successful legacy and will ensure perpetual continuity for the SFT.

The Theriogenology Foundation continues to do great things in promotion of the SFT. The Working Dog project is a collaborative effort of the Broad Institute of MIT and Harvard and the Theriogenology Foundation. Its goal is to use genetics to guide the selection of dogs for specific training and career paths. This project will apply cutting-edge genomics to investigate how genetic variation influences two key working dog behaviors: scenting and retrieving. This initiative will promote and enable, large-scale, collaborative research into the genetics of dog behavior, with the goal of providing the working dog community with the new tools they need to accelerate the breeding and training of successful working dogs.

It is an exciting time for the Society for Theriogenology. The future is bright. I am humbled to gaze at the statue of Nandi each morning as I enter the clinic. I am honored to have this opportunity to serve you. Onward and upward we must continue!

Please feel free to contact me with ideas and suggestions on how we can better serve you. I can be reached at <u>isaac@docbott.com</u> or at (801)489-9676.

Dr. Isaac Bott President, Society for Theriogenology

From the President of the American College of Theriogenologists

Greetings to my fellow ACT diplomates!

I am so very grateful to be a member of the ACT and absolutely thrilled to serve as President! I am a Canadian, born on a dairy farm northwest of Edmonton, Alberta, Canada. I graduated from the U. of Saskatchewan in 1982, spent 2 years in private practice, then 1 year in a clinical residency at my alma mater. In 1985, I moved to the U. of Wisconsin-Madison, where I studied under the tutelage of Dr. O.J. Ginther. Most of my thesis research involved using ultrasonography to examine the heifer reproductive tract. What an incredible opportunity! After completion of my PhD (1990), I spent 22 years as a Research Scientist at the Agriculture and Agri-Food Canada Lethbridge Research Centre, conducting research in bovine reproduction (cows and bulls). In 2012, I joined the University of Calgary, Faculty of Veterinary Medicine, my first full-time appointment in academia, where I am privileged to be able to spend most of my time helping others to build their careers, improve their lives and indeed, the world around them. My 'dream job' was to serve as Co-Editor-in-Chief of *Theriogenology* for more than a decade and I continue to spend considerable time editing papers and giving workshops and presentations on scientific writing. In the near future, I plan be more involved with our *Clinical Theriogenology* journal.

The 2017 meeting in Ft. Collins in early August was a great success, with just under 500 participants. There were 80 abstracts, including 35 competitive abstracts, 24 non-competitive abstracts, 7 case reports and 14 posters submitted. In addition, the ACT qualifying examination was delivered electronically, with 22 candidates sitting the examination. Of those, 12 (54.5%) passed, including 11 of 18 standard route candidates and 1 of 4 alternate route candidates. The examination is our way of adding to our ranks and on behalf of the membership, I extend my sincere appreciation to the Exam Committee for their efforts to prepare and deliver the examination.

The Theriogenology Foundation (TF) had a very successful fundraiser at Ft. Collins (>\$76K raised). The TF is supporting The Working Dog Project (in collaboration with the Broad Institute of MIT and Harvard). The objective is to identify genetic loci associated with key behavioral traits of military and service dogs. This project has incredible potential to really improve lives! It is highly ambitious and also very expensive. In addition, the TF also provides financial support for theriogenology residencies, travel and research. Please visit their website (www.theriofoundation.org/) for more details, including purchasing sympathy cards. Also, please encourage your clients to support this most worthy cause.

The Executive Board and all of the ACT committees have been busy. The Training and Credentialing Committee is refining the General Information Guide (GIG) and developing the Maintenance of Certification (MOC), as this will begin in 2020. We are mandated to implement this process and there is no doubt that it will take considerable time, effort and money to bring this to fruition.

A sincere thank you to those who recently completed terms in various aspects of the ACT. Our organization depends on the dedicated efforts of many volunteers. Every year, we need persons to step forward to replace those who have completed their terms. A call for nominations will come out in 2018. Ideally, we should have multiple candidates for each position, in order to maintain a diversity of experience, expertise and opinion. Please identify individuals whom you think would be willing and able participants, and encourage them to go forward.

The ACT currently has solid finances, but we also have some large expenses on the horizon, especially as we prepare for Maintenance of Certification. Please promote the financial viability of the

ACT by paying your membership dues. Prompt payment is encouraged, either by mail or on the website (www.theriogenology.org).

Save the date for next year's conference - August 1-4, 2018 to be held in Milwaukee, Wisconsin! Dr. Peter Hansen will deliver a talk on epigenetics. There is a strong food-animal focus to this meeting, including the expected launch of a revised Bull Breeding Soundness Evaluation manual (the current version is more than 3 decades old)! In addition, there will be many interesting presentations for those who work with horses, dogs, cats and other species.

The ACT is truly an amazing group! Our strength is in our diversity. Furthermore, our success and our future depend on the efforts of many Diplomates to take an active role in our organization, at all levels, formally and informally, including making our clients, colleagues and administrators aware of what we do and why it is important. We all serve as ambassadors for our organization and our discipline; that is a huge responsibility, that we need to take very seriously.

If you have a need, an idea, or a complaint, please do not hesitate to contact me and communicate your message. I can be reached at 403-210-8660 or by email (jpkastel@ucalgary.ca). I look forward to hearing from you and I hope to see many of you in Milwaukee next fall.

Sincerely,

John Kastelic

ACT President, 2017-8

Future Annual Theriogenology Conference Dates

Sponsored by
The Society for Theriogenology
and
The American College of Theriogenologists

The Conference Planning Committee is developing outstanding programs!

MAKE PLANS TO JOIN US AT THE FOLLOWING LOCATIONS:

2018
August 1-4
Milwaukee, Wisconsin

2019 July 24-27 Savannah, Georgia

2020 July 20-25 Pittsburgh, Pennsylvania





2018 Therio Conference and Bovine Symposium Preview

The 2018 Therio Conference will be held at the beautiful Hilton Milwaukee City Center August 1-4. Milwaukee offers natural beauty bordering Lake Michigan and offers plenty in exceptional outdoor adventures. The 2018 Therio Conference will focus on the production animal program, along with small animal and equine tracks.

The conference will begin Wednesday with a limited number of veterinarians being given the opportunity to participate in the bovine symposium. The Opening Session Abstracts will be presented Wednesday evening followed by the Opening Session Abstract Reception.

Thursday morning begins at 7:30 am with the presentations of the Bartlett Award and address and the Theriogenologist of the Year Award and address. The Dr. Jerry Rains Memorial Abstract Competition and Student Case Presentations will follow along with the Society for Theriogenology and American College of Theriogenologists Business Meetings.

The Opening Reception in the Exhibit Hall will be Thursday evening with the opportunity to visit with our vendors, relax with a cocktail, and enjoy light hors d'oeuvres. The Theriogenology Foundation Silent Auction will open for browsing and bidding during the reception.

Make plans to join us for an thrilling Thursday evening Fun Night event off-site at an exclusive venue to be announced very soon. The annual Merck Student Quiz Bowl will also be held at the Fun Night event this year.

The Plenary Session will begin Friday's events

and will feature Dr. Peter Hansen speaking on epigenetics of cow's reproduction and Dr. Mark Mirando's presentation on how the USDA-NIFA funding and program promote bovine reproduction, roadmap for future directions, and how we can be successful in obtaining grants from USDA-NIFA. Continuing education sessions will begin following the opening session and tracks in small animal, production animal and equine will be offered. The unveiling of the revised Bull Breeding Soundness Evaluation manual is also expected to launch during the meeting. Friday evening will feature the annual Awards Dinner Reception and Awards Dinner, followed by the Theriogenology Foundation's Live Auction.

Saturday will begin with a presentation by current ACT Diplomates for those interested in learning more about becoming a certified veterinarian in theriogenology. A full day of CE will also be offered Saturday with tracks in small animal, production animal and equine. As soon as the educational tracks wrap up, we will head to Miller Park for the group outing to watch the Milwaukee Brewers take on the Colorado Rockies.

Group rates are available at the conference hotel until July 3, 2018 or the room block is sold out. Reservations can be made through the link on the conference website or by contacting the hotel and asking for the Society for Theriogenology group rate.

We hope that you will make plans to join us in the beautiful city of Milwaukee. More information will follow in the near future regarding a full agenda, symposium details, and conference registration.



2017 Therio Conference Recap

Beautiful Fort Collins, Colorado provided the scenery for the 2017 Annual Therio Conference. A total of 497 attendees gathered for the conference and symposium August 2-5 at the Hilton Fort Collins. The week began with the much anticipated ACT Exam and concluded with a splash down the Poudre River at the Therio group white water rafting adventure.

The Equine Embryo Transfer and Embryo Vitrification **Educational Course for** veterinarians kicked off the meeting Wednesday. The daylong course led by Drs. Pat McCue and Ryan Ferris provided half a day of lecture and half a day of lab. The event was at full capacity and allowed participants the opportunity for a practical laboratory experience from some of the world leaders in equine embryo transfer. The board meetings for ACT, SFT, and TF were held throughout the day. Wednesday evening was

packed with fun-filled activities including: The Opening Session Abstracts, Opening Session Abstract Reception, a craft beer tasting to benefit the Foundation, and the Student Quiz Bowl, sponsored by Merck Animal Health and hosted by the infamous Ron McDaniel. First place in the Quiz Bowl went to Oklahoma State University with Lincoln Memorial University following in second place.



First Place Quiz Bowl Winners:
Oklahoma State University
Pictured (Left to Right): Jo Eike, Michelle
Shaw. and Nikki Collins



Second Place Quiz Bowl Winners:
Lincoln Memorial University
Pictured (Left to Right): Julia Antczak, Jaclyn
Adkins, and Sarah Grigoleit

Thursday morning began by honoring Dr. Pat McCue with the Theriogenologist of the Year Award, sponsored by Merck Animal Health, and the David E. Bartlett Award honoring Dr. Cliff Shipley. Eight presenters competed during The Dr. Jerry Rains Memorial Abstract Competition, sponsored by Merck Animal Health. The SFT and ACT Business Meetings were held after the Abstract Competition prior to the Student/ Mentor Reception and Student Case Presentations. The ACT Business Meeting recognized the 12 candidates that successfully passed this year's ACT Exam. Veterinary students were given the opportunity to attend a Student Equine Wet Lab at Colorado State University's **Equine Reproduction** Laboratory. Students were given a hands-on opportunity led by Drs. Ferris and McCue to learn

 $..... continued \ on \ the \ following \ page.$





Dr. Patrick McCue with his wife Diane

about common reproductive procedures performed in equine clinical practice. The Fun Night event at the Fort Collins Museum of Discovery, sponsored by Merck Animal Health and Zoetis, was held Thursday evening. Laughter was provided by Dr. Kevin Fitzgerald and an interactive tour of the museum closed out the evening's events.

Plenary speakers, Dr. Cheryl Asa, sponsored by the ACT, and Dr. Kevin Fitzgerald started Friday's sessions with "Nonsurgical methods for reproductive management of captive and freeranging wildlife populations" and







Congratulations to the 2017 ACT Diplomates!

Pictured left to right (front): Dr. Morgan Agnew-Atglen, PA; Dr. Kelli Beavers-Baton Rouge, LA; Dr. Jenna Dockweiler-Wheat Ridge, CO; Dr. Jamie Stewart-Urbana, IL; Dr. Stephanie Walbornn-Bryan, TX

Left to right (back): Dr. Yehonatan Berkowic-Davis, CA; Dr. Jenny Katrine Boye-Davis, CA; Dr. Jasmin Hyatt-Matamata, NZ; Dr. B. Matt Dredge-Rexburg, ID; Dr. Gabriel Davolli-Baton Rouge, LA

Not Pictured: Dr. Dinesh Dadarwal-Saskatoon, SK

"Denver Zoo, Mongolia Project: Effects of Progress upon Endangered Species". The ACT Educator's Forum, sponsored by the Theriogenology Foundation, focused on Theriogenology curriculum for veterinary students. Small animal, production animal, equine, and large animal abstracts were held during the morning sessions followed by small animal, production animal, and equine tracks in the afternoon.

The Awards Dinner Reception was held in the atrium of the hotel followed by the Awards Dinner, sponsored by Merck



Dr. Clifford Shipley with his wife Victoria

Animal Health and Aurora Pharmaceutical, in the ballroom. Prior to dinner, Dr. Anita Migday, President of the Theriogenology Foundation, welcomed the audience. Dr. Elinor Karlsson with The Broad Institute of MIT and Harvard introduced "The Working Dog Project" with a captivating video. Dr. Jimmy Alexander recognized the Student Case Presentation winners: Chun Kuen Mak, National Taiwan University (first place); Kaitlyn McCombs, Auburn University (second place); Brittany Shumack, Auburn University (third place); Jenna Ward, Texas







A&M University (fourth place); Sarah Jacobs, University of California-Davis (fifth place); and Christina Thompson, University of California-Davis (sixth place). Winners of the Tee Shirt Design Contest, sponsored by Bovine Services, were Auburn University (first place) and Washington State University (second place). The award for Student Chapter of the Year resulted in University of California-Davis placing first, with Auburn University in second place. Dr. Pete Sheerin, President of SFT, presented the student chapter of University of California-Davis with the



Abstract Winners (Left to Right): Bryan Blawut (third place), Dr. Jamie Stewart (second place), and Dr. Tessa Fiamengo (first place)

Not pictured: Dr. Raphael Malbrue (fourth place)

SCOTY Award.

Dr. Carlos Pinto, abstract committee chair for 2018, presented the Dr. Jerry Rains Memorial Abstract Competition Awards, sponsored by Merck Animal Health. This year's winners were: Dr. Tessa Fiamengo (first place), Dr. Jamie Stewart (second place), Brian Blawut(third place) and Dr. Raphael Malbrue (fourth place).

Dr. Mike Thompson presented



Dr. John Steiner Award for Excellence in Practice
Dr. Anita Migday

the Dr. John Steiner Award for Practitioner Excellence to Dr. Anita Migday. Unanimously approved by the Executive Board, Dr. Migday epitomizes the objectives of the Society in her leadership and promotion of theriogenology.

Ron McDaniel and Dr. Carol McLeod led the live auction which generated a grand total of \$60,000.00 for the Foundation. The evening concluded by drawing the winning raffle ticket for the 2018 conference package, which includes free conference registration, 3 nights lodging at the Hilton City Center Milwaukee, an awards dinner ticket and a travel stipend. The winner was Dr. Andrew Lovelady. The winner of the first annual 50/50 raffle, which received half of the total ticket sales, was Dr. Gary Warner.

The conference wrapped up Saturday with a roundtable discussion focusing on "Careers in Theriogenology" led by Drs. Pete Sheerin, Jill Colloton, Marty Greer, Wendy Vaala, and Richard Hopper and "So you want to Become a Diplomate?" hosted by several current ACT members. The equine track, sponsored by Rood and Riddle Equine Hospital and Veterinary Pharmacy, small animal track, sponsored by IDEXX, and the production animal track, sponsored by Lane Manufacturing Inc., continued throughout the day with informative CE sessions.

While some headed home after Saturday's sessions, others stayed an extra day to enjoy the Therio group rafting trip Sunday to venture down the Cache le Poudre. The 2017 Annual Therio Conference in Fort Collins held fun for all and included great networking, sight-seeing, outdoor adventures and breathtaking scenery.



Student Case Presentation Winners (Left to Right): Christina Thompson (sixth place), Sarah Jacobs (fifth place), Jenna Ward (fourth place), Brittany Shumack (third place), Kaitlyn McCombs (second place), and Chun Kuen Mak (first place)

Make plans to join us in the beautiful city of Milwaukee, Wisconsin, August 1-4, 2018.



Dr. John Steiner Award for Practitioner Excellence



Dr. Anita Migday

Dr. Mike Thompson presented the Dr. John Steiner Award for Practitioner Excellence to Dr. Anita Migday during the 2017 Therio Fort Conference in Collins, Colorado. Unanimously approved by the Executive Board, Dr. Migday epitomizes the objectives of the Society with her leadership and promotion of theriogenology and her dedication education. to president of the Theriogenology Foundation since 2012, she has worked tirelessly in support and promotion of the discipline and has developed the Foundation into an

organization that furthers the missions of all three theriogenology organizations.

The award is intended to recognize veterinarians who epitomize the objectives of the Society which are to establish and promote standards of excellence, to disseminate emerging information to veterinarians and students, to serve as a global resource for scientific exchange, to foster client education and awareness, and to encourage a network of collegial exchange.

Migday earned Bachelor and Master of Science degrees from the College of Agriculture in 1978, and then graduated from The Ohio State University College of Veterinary Medicine in 1980. She purchased Slade Veterinary Hospital in 1982 from Dr. Edward Slade, who established the animal hospital in 1946. Dr. Migday's efforts have resulted in a modern facility and progressive practice, which have been recognized for high standards of excellence through accreditation

by the American Animal Hospital Association since 1985. Dr. Migday also spent six years in local broadcast (WVBF 105.7 FM-WKOX 1200 Boston. AM-Framingham, and WCVB Ch. 5-Boston) giving tips as a pet health expert, and hosted the national PBS series, "Cats & Dogs" in the mid-1980s. The show offered a video encyclopedia of pet care, beginning in the examination room and continuing across the nation in exploration of the human/companion animal bond. In 1989, Dr. Migday was appointed by Governor Michael Dukakis to the Board of Registration in Veterinary Medicine for the Commonwealth of Massachusetts and sat as Chairman from 1993 to 1994. She and her husband raise, train, and exhibit Bullmastiff dogs and have consistently produced breed champions and obedience titlists since 1992. In her spare time, you may find Dr. Migday at the dojo, on the tennis court, or on a yoga mat.

New SFT/ACT Officers Installed for 2017-2018

New SFT Officers were installed Thursday, August 3 at the SFT business meeting. Officers installed Dr. Isaac Bott, Springville, Utah, president; Dr. Robyn Wilborn, Auburn University, Alabama, president elect; Dr. Colin Palmer, Saskatoon, Saskatchewan, vice president; Dr. Peter Sheerin, New Freedom, Pennsylvania, immediate past president; and Dr. Jill Colloton, Edgar, Wisconsin, secretary/treasurer. New elected members of the Board of Directors are Drs. Kristina Baltutis, Burlington, North Carolina; Misty Edmondson, Auburn, Alabama; and Dan Tracy, Fort Collins, Colorado.

New ACT officers were installed Thursday, August 3 at the ACT Business meeting. Officers installed were Dr. John Kastelic, Calgary, Alberta, president; Dr. Reed Holyoak, Stillwater, Oklahoma, president elect; Dr. Richard Hopper, Mississippi State, Mississippi, vice president; Dr. Ram Kasimanickam, Pullman, Washington, immediate past president; Dr. Jack D. Smith, Mississippi State, Mississippi, secretary; and Dr. Leonardo Brito, Madison, Wisconsin, treasurer. Dr. Herris Maxwell, Auburn, Alabama, was elected to the Board of Directors.



Dr. Peter Sheerin, SFT immediate past president (left) is presented the Nandi by incoming SFT president Dr. Isaac Bott.



New ACT president Dr. John Kastelic thanks immediate past president Dr. Ram Kasimanickam for his service.

Thank you to all of our 2017 Therio Conference Sponsors and Exhibitors

2017 Conference **Sponsors**

Platinum Plus Sponsor

Merck Animal Health

Platinum Sponsors

Lane Manufacturing, Inc. Rood and Riddle Equine Hospital and

Veterinary Pharmacy

Gold Sponsors

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E.I. Medical Imaging

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IDEXX

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KARL STORZ Veterinary Endoscopy of

America

Lane Manufacturing, Inc.

Merck Animal Health

Minitube USA

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MultiMin USA. Inc.

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Professional Embryo Transfer Supply, Inc.

Rood and Riddle Equine Hospital and

Veterinary Pharmacy

Sonosite, A Fujifilm Company

Spectrum Labs

Success Concepts LLC

Tosoh Bioscience, Inc.

Universal Imaging, Inc.

Viasensor

Veterinary Perinatal Specialties

Vetlab Supply

Vetoquinol USA

Zoetis

Do You Know Someone Who Would Make a Great Director of the SFT Board?

In accordance with policy, the Society of Theriogenology requests your suggestions for the Board of Directors. Names received from the general membership will be forwarded to the Nominating Committee for consideration. Directors serve a term of three years, beginning at the annual Therio Conference.

If you would like to suggest an active Society member for service as a director on the Board, please submit the following information to the executive office no later than March 21, 2018. Please ensure the individual's willingness to serve on the Board (if elected) prior to submission. Please direct any questions to Dr. Peter Sheerin, Chair of the Nominating Committee at petesheerin@nandivet.com.

When suggestions are submitted we will need the following contact information on both the person submitting the suggestion and also the suggested individual: name, address, phone, email, and practice type.

Mail, email, or fax information to:

Charles F. Franz, DVM

Executive Director

Society for Theriogenology

761 Tiger Oak Drive

Pike Road, AL 36064

Fax: 334-270-3399

Email: Charles@franzmgt.com

You may submit nominations online

at http://therio.org/

BoardNominationForm

You must be logged in to the SFT website to access the Board Nomination Form located under

Board and Officers.

Thank you to all of the individuals, companies, and organizations that supported the Theriogenology Foundation by donating to the 2017 Live and Silent Auctions

Individuals	Companies and
Dr. Leaa Arnold	Organizations
Dr. Jane Barber	Auburn University Student
Dr. Gail Colbern	Chapter
Nita Franz	Auburn University
Dr. O.J. Ginther	Theriogenology Department
Alan Kalter	Hagyard Equine Medical
Dr. Ram Kasimanickam	Institute
John Lichty	
Dr. Victor Medina	Lane Manufacturing Inc.
Dr. Anita Migday	MOFA Global
Dr. Jay Randall	WOTA Global
Dr. Joann Randall	Ohio State University
Dr. Tom Riddle	Theriogenology Department
Dr. Peter Ryan	Purdue College of Veterinary
Dr. Will Schultz	Medicine
Dr. Phil Senger	
Dr. Mike Thompson	Rood & Riddle Equine Hospital

A huge thank you to all the following individuals for all their efforts in planning the 2017 Therio Conference.

Annual Conference Program Chair

Dr. Isaac Bott

Equine Track Program Chairs

Drs. Ryan Ferris and Patrick McCue

Small Animal Track Program Chairs

Drs. Milan Hess and Kara Kolster

Production Animal Track Program

Chair

Dr. Ed Gilsleider

Educator's Forum Program Chair

Dr. Hilari French

Live Auction Chair

Dr. Carol McLeod

Silent Auction Chair

Dr. Joann Randall

Equine Symposium and Student

Wet Lab

Drs. Ryan Ferris and Patrick McCue

2017 I	Funds	Raised
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Dr. Gary Warner

Dr. Dwight Wolfe

 Craft Beer Tasting
 \$5,360.00

 2018 Raffle Tickets
 \$4,300.00

 50/50 Raffle Tickets
 \$1,375.50

 Live Auction
 \$60,000.00

 Silent Auction
 \$5,097.00

 Total
 \$76, 132.50

Theriogenology Foundation 2017 in 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 was awarded in 2017: Dr. Jennifer Koziol, Purdue University "Description of the preputial microbiota of bulls using 16S r-DNA profiling"
- One small animal research grant was awarded in 2017:
 Dr. Meghann Haase-Berglund, Red Dog Veterinary Relief
 Services, LLC "Histologic evaluation of parovarian nodules in the cat"
- One equine research grant was awarded in 2017: Dr. Natalie Fraser, University of Queensland "Evaluation of cytokine and chemokine profile of equine seminal plasma"

The Working Dog Project

The goal of the Working Dog Project is to identify genetic explanations for why some dogs succeed in working dog programs while others do not, and to help better target individual dogs to different programs, such as assistance versus law enforcement work. This new project is based at the Broad Institute of MIT and Harvard, in Cambridge, Massachusetts, and is generously funded by the Theriogenology Foundation and AKC Reunite. The Working Dog Project has received one grant in the amount of \$200,000.

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 2017 has been awarded to: Purdue University to host Dr. Ahmed Tibary to speak on South American Camelid Production

Travel Grants

In 2017 the TF also awarded \$ 15,200 in Student Travel Grants to assist veterinary students who were travelling to attend the Therio Conference in Fort Collins, CO. These students were presenting abstracts, posters, student case presentations or taking part as a quiz bowl team member at the conference. \$550.00 was awarded in a Resident/Intern Travel Grant this year and \$750 was awarded in New Faculty Travel Grants.

AKC, AKC-CHF, TF Residency Travel Grants

All of the residencies are made possible by generous grants from the American Kennel Club and the AKC Canine Health Foundation. Each resident was awarded \$750 towards their travel to the annual Therio Conference.

Student Externship Grants

Student Externship Grants are grants intended to support experiential educational advancement of students interested in theriogenology. So far in 2017, \$2,900 in externship grants have been awarded.

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 in the amount of \$700 has been awarded in 2017: University of California-Davis

Zemjanis Outreach Fund

This grant is intended to aid veterinarians traveling from developing countries to the United States for educational purposes or for sending a trainer to a developing country to conduct training onsite. One request has been awarded for 2017 in the amount of \$500.

2017 TF Grants Awarded as of 11/1/17

Student Travel	26 grants	\$15,200
Resident/Intern Travel	1 grant	\$550
New Faculty Travel	2 grants	\$750
ACT Student Outreach	1 grant	\$1,000
Student Externship	4 grants	\$2,900
Student Chapter	1 grant	\$700
Research-Bovine	1 grant	\$5,000
Small Animal	1 grant	\$2,057
Equine	1 grant	\$5,000
AKC, AKC-CHF, TF Travel	4 grants	\$3,000
Zemjanis Outreach	1 grant	\$500
Educator's Forum	1 grant	\$2,500
Working Dog Project	1 grant	\$200,000

2018 Bartlett Award Nominations Sought

Nominations are now being sought for the 2018 David E. Bartlett Award for Lifetime Achievement in Theriogenology, presented annually to a distinguished individual who has made important contributions to the field of theriogenology.

The award - intended to cement the efforts of the Society and College toward common goals in animal reproduction, to reward and inspire excellence, improve the visibility of theriogenology, and to annually recognize the efforts of the founders - particularly honors Dr. David E. Bartlett, first president of the College. Among his many accomplishments, Dr. Bartlett was responsible for deriving the terms "theriogenology" and "theriogenologists," and was instrumental in gaining hard-won AVMA recognition for the American College of Theriogenologists in 1971.

The 2018 David E. Bartlett Award for Lifetime Achievement in Theriogenology will be presented during the annual Therio Conference in Fort Collins, Colorado. The recipient will be notified in advance, allowing family and friends to be on hand. The honoree will address those in attendance and will have the option of submitting a contribution to the conference proceedings. The honoree will receive \$1,000 cash, an engraved statue of Nandi, and complimentary registration, hotel accommodations and transportation to the 2018 conference.

Please submit the accompanying Preliminary Entry Form and nominate an individual to add to the list of preeminent recipients. Entry forms must be received no later than January 4, 2018.

Nominations may also be made online at http://www.therio.org/BartlettAwardForm. You must be signed in as a SFT member to access the form. It is located under the 2018 Therio Conference and also under the Bartlett Award recipient list on the SFT website.

2018 Dr. David E. Bartlett Award for Lifetime Achievement in Theriogenology

Preliminary Entry Form Sponsored by the Theriogenology Foundation

In cooperation with the Society for Theriogenology & American College of Theriogenologists Purpose: To reward a distinguished theriogenologist who has made important contributions to the field of theriogenology. Nominee: ___ Full Address: ___ Current Employment and Position: ______ Home Phone: Business Phone: ______ Email:_____ Provide a short description of nominee's qualifications for this award. Use a separate sheet of paper containing a maximum 350 word narrative bio, highlighting nominee's key accomplishments. Nominated by: _____ Full Address: _____ Home Phone:_______ Business Phone:_____ Fax: ______ Email: _____ Nominations MUST be received by January 4, 2018 Submit online at: http://www.therio.org/BartlettAwardForm or mail to: Theriogenology Foundation, Bartlett Award 761 Tiger Oak Drive Pike Road, AL 36064-3063

Support Your Foundation

We hope that you will visit our website (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 or naming TF as a beneficiary in your retirement fund. 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.

Call for ACT Nominations to Board

The Nominating Committee of the ACT and the Executive Board are calling for nominations for the following positions:

- Vice President This is a four-year term beginning with the position of vice president, moving to president elect, president and then immediate past president.
- 2. Executive Board member Director three-year term

Active Diplomates may be considered for any of these positions. Travel is required to board meetings in January and August. Travel costs for the January board meeting are reimbursed by the College.

Please forward nominations to Dr. John Kastelic no later than **March 1, 2018.** Biographical sketches and information along with ballots will be included in the Spring ACT newsletter. The following information should be included with submissions for nominations:

- 1. Name, school, year of graduation and position running for,
- 2. Year achieving Diplomate status and route (residency vs practitioner),
- 3. Species emphasis and main focus of work,
- 4. Qualifications specific for the post you are seeking-include education, personal experience, vision etc.

Please restrict the above comments to 350 words or less. Send Submission by **March 1, 2018** to:

Dr. John Kastelic University of Calgary DPAH 3330 Hospital Drive NW Calgary, Alberta, Canada T2N 4N1 Email: j.kastelic@ucalgary.ca

2018 Annual SFT Membership Renewal

It is that time of year again! Make sure you do not miss out on any of the great benefits that the Society has to offer:

- Hospital listing by species and procedures for search on web site - business tool for referrals
- Reduced registration fees for the annual Therio Conference
- Access to the Members-only area of the Society website, including past proceedings and newsletters
- Access to Texas A&M Medical Science Library electronic articles free of charge
- Easy access to proceedings of the Society's annual Therio Conference online
- Free webinars
- Clinical Theriogenology; the official quarterly publication of the Society for Theriogenology
- Access to SFT-SA & SFT-LA, small animal and large animal listservs for case discussion with specialists
- Networking among fellow veterinarians with varied discipline interests
- Resource information on web site
- Reduced rate for Elsevier's Theriogenology journal

For your convenience you can renew your dues at the SFT web site, www.therio.org!

Call for Student Case Presentations-2018

Annual Therio Conference Student Case Presentations

*Call for Student Case Presentations also available at www.therio.org

Attention to all SFT student members!

The SFT Program Committee is pleased to announce the call for submission of student theriogenology case presentations at the Annual Therio Conference in Milwaukee, Wisconsin. The competition will be held during the Annual Conference, August 1-4, 2018.

The purpose of this competition is to promote student interest in SFT, to encourage investigative and communication skills and allow students greater participation in our annual meeting. All SFT student members are qualified to enter the competition.

The student theriogenology case presentations will be held in Milwaukee, Wisconsin. It will give the SFT membership a look at future leaders and participants of the SFT. Six student cases will be selected for presentation at the annual conference competition. Do you have a clinical case presentation you have given or that you are preparing? You can submit it, as long as it is on theriogenology.

A copy of the guidelines and submission instructions can be obtained from the SFT website, your SFT faculty liaison, or Dr. Alexander. Please refer to the "Guidelines for Application Submission" for preparation of your manuscript.

Abstracts must be submitted by **March 10, 2018**. Please submit them in Microsoft Word format to Tara Beasley at the Society office, therioconference@franzmgt.com, with a copy to your advisor. Include the words "*Student Case Presentation*" in subject line. An acknowledgement of your submission should be received within 24 hours. If you do not receive acknowledgement, please contact the office at 334.395.4666.

A panel of practitioners and academicians will select six manuscripts for presentation in Milwaukee and notify the students by **April 11, 2018**. The students will be responsible for making their own travel arrangements and accommodations. Conference hotel information will be available on the SFT website.

Please be aware that this is a competition. The contestants will be judged on both the quality of their investigation and the quality of the presentation. Therefore, you must attend the meeting in Milwaukee to be eligible for the awards. The SFT will award six cash prizes:

First place	\$ 650	Fourth Place	\$ 375
Second place	\$ 525	Fifth Place	\$ 300
Third place	\$ 450	Sixth Place	\$ 200

More than one student may be involved with the presentation of a case or research project, however only one prize will be awarded per presentation. All students (presentations) who are accepted to present abstracts may be awarded a travel stipend. *Grant information is available on the Theriogenology Foundation website, www.theriofoundation.org.* Travel grants must be applied for via the website.

Please contact your SFT faculty liaison for more information and for assistance in preparing your manuscript. You may also contact Dr. James H. Alexander at the email address below. We hope you will participate in this event. We look forward to hearing from you.

Sincerely, James H. Alexander, DVM jalexanderdvm@gmail.com

Guidelines for Application Submission

Society for Theriogenology Student Case Presentation Competition Annual Therio Conference, Milwaukee, Wisconsin, August 1-4, 2018

All applicants *must* be student members of The Society for Theriogenology. This includes student members graduating in the spring of 2018.

An Abstract of the Student Case Report must be received by **March 10, 2018**. Please include the following with your submission:

- 1. Name, home address and school address
- 2. Telephone number
- 3. Email address
- 4. Name, title, address, email address and phone number of the faculty member working with you.
- 5. Abstract of your case (300 words or less in the body of the abstract).
 - a) Title and authors
 - b) The importance of the case to Theriogenology
 - c) A discussion of the diagnostic approach and treatment options considered.
 - d) Results/discussion
 - e) References
- 6. Please copy your submission email to your advisor. You will receive an email acknowledgement of your submission within 24 hours (during business hours). If you do not receive an acknowledgment, please call the office at 334.395.4666.

We will not need any photos, graphs, or diagrams at this time. Prior to the conference you will be required to submit a copy of your Power Point Presentation to the SFT office to the attention of Tara Beasley at the Society office, therioconference@franzmgt.com, no later than June 25, 2018. You will also be required to bring a copy with you to the conference. You will be allowed to update your presentation after June 25, up until 4 hours before your presentation.

Case presentations must be submitted by **March 10, 2018.** Please submit your presentations in Microsoft Word format to Tara Beasley at the SFT office, therioconference@franzmgt.com. Include "**Student Case Presentation**" in the subject line. The abstract should be in normal style, Times New Roman font, 12-font size, single spacing, and 1" margins.

Six presentations will be selected to be presented orally. You will be notified no later than **April 11, 2018**, whether your presentation has been selected. Further instructions will follow notification. Each presentation will be 10 minutes in length. Time has been allotted for questions after each presentation. Those not selected for oral presentation may be selected for a poster presentation. A panel of academicians and private practitioners will review manuscripts.

Please be aware that this is a competition. The contestants will be judged on both the quality of their investigation and the quality of the presentation. Therefore, you must attend the meeting in Milwaukee to be eligible for the awards. The SFT will award six cash prizes:

First place	\$ 650	Fourth place	\$ 375
Second place	\$ 525	Fifth place	\$ 300
Third place	\$ 450	Sixth place	\$ 200

More than one student may be involved with the presentation of a case, however only one prize will be awarded per presentation.

Questions can be submitted to:

James H. Alexander, DVM at jalexanderdvm@gmail.com

The Society for Theriogenology and American College of Theriogenologists issue a call for research and case abstracts to be presented at the annual Therio Conference August 1-4, 2018 in Milwaukee, Wisconsin. Application deadline is February 15, 2018. Abstracts will be considered in four categories:

1. Competitive Category:

Abstracts submitted for this category must have a graduate student, resident, veterinary student, or undergraduate student as the first author (only one submission per first author will be accepted in this category). Abstracts on material that has already been published or has been accepted for publication at the time of submission will not be considered. These abstracts will be judged on the basis of scientific merit (written). The eight abstracts with the highest written scores will be selected for presentation during the abstract competition. First authors chosen to present in the abstract competition will receive one complimentary registration for the meeting. The abstracts will be presented during a plenary session and judged for presentation quality (oral and understanding of scientific basis). Financial awards will be given to the four presenters with the highest total score (written plus oral).

The first author (graduate student, resident, veterinary student, or undergraduate student) will be required to present the abstract during the abstract competition at the Therio Conference. Oral presentations will be 10 minutes in length; an additional two to three minutes will be allowed for questions only. Time limits will be strictly enforced for the abstract competition; exceeding the 10-minute time limit will result in disqualification from the competition.

Other high-scoring abstracts not selected for the abstract competition will be chosen for presentation during a non-competitive session, and one of the authors will be required to present the abstract at the Therio Conference during a general session or educational session. Presenters of these abstracts will not receive complimentary registration for the conference.

If the appropriate author is not available to present the abstract at the Therio Conference, you may petition the Chair of the Scientific Abstract Committee to request permission for an alternative author to present the information. In the case of a competitive abstract for which the submitting graduate student/resident is not available to present the abstract but for which a suitable substitute presenter can be found, the abstract may still be included for presentation during the competitive session but it will not be scored and will not be eligible for awards.

2. Non-Competitive Category:

All individuals, including practitioners, faculty, graduate students, residents and veterinary students are encouraged to

submit abstracts to be considered for presentation during a general session or an educational session (there may be more than one submission per first author in this category). Abstracts on material that has already been published or has been accepted for publication at the time of submission will not be considered. Presenters in this category will **not** receive a complimentary registration to the conference. Oral presentations will be 10 minutes in length; an additional two to three minutes will be allowed for questions only.

3. Case Abstract Category:

All individuals, including practitioners, faculty, graduate students, residents, are encouraged to submit note-worthy case reports for consideration for presentation during a general or educational session. Abstracts on material that has already been published or has been accepted for publication at the time of submission will not be considered. Case reports will not be considered for inclusion in the competitive category. There may be more than one submission per first author in this category. Presenters in this category will **not** receive a complimentary registration to the conference.

4. Poster Category:

All individuals, including practitioners, faculty, graduate students, residents, are encouraged to submit abstracts/case reports to be presented as posters. Abstracts on material that has already been published or has been accepted for publication at the time of submission will not be considered. There may be more than one submission per first author in this category. Presenters in this category will not receive a complimentary registration to the conference. Posters are normally displayed in the exhibit hall. You are encouraged to be present as often as possible during exhibit hall breaks to answer questions about your poster. However, all poster presenters are expected to be present during the Friday lunch hour when the conference will advertise your presence. Abstracts and case abstracts not selected for oral presentation may be given the option to be presented as posters.

General:

Presenters of research abstracts, posters, and case abstracts will not be reimbursed for travel or other expenses incurred in presenting an abstract, nor will they receive an honorarium. All accepted abstracts will be printed in the annual Therio Conference Proceedings, Clinical Theriogenology.

Submission of an abstract for consideration in either the competitive or any noncompetitive sessions is considered a commitment that, should the abstract be accepted in any of the categories, the appropriate author (as described in the "Call for Abstracts") will attend the Therio Conference to present the abstract in a formal oral or poster session.

In the event that no suitable person is available to present an accepted abstract or poster at the Therio Conference, the submitting/presenting author will be barred from submission of scientific abstracts for consideration for presentation at the Therio Conference and will not be allowed to speak at the Therio Conference for a period of five (5) years. All co-authors will be barred from submission of Scientific Abstracts for consideration for presentation at the Therio conference and will not be allowed to speak at the Therio Conference for one (1) year.

Penalized authors have the right to petition the Executive Board (EB) of the American College of Theriogenologists for a reduction or waiver of the penalty. A written petition that includes the reason for the absence from the meeting should be submitted to the Chair of the Scientific Abstract Committee no later than one week before the Therio Conference. The Chair and other members of the Abstract Committee will review the petition and present the case to the EB at the August board meeting. Authors will be notified of the decision of the board by email after the conclusion of the Therio Conference.

GUIDELINES: WHAT TO SEND AND HOW TO SEND IT

Electronically: Submit via email (address on top of submission form) or on a CD (compatible with Microsoft Word)

General: Authors should read the Guide for Authors for the journal Clinical Theriogenology. Specific instructions for submission of abstracts can be found on the ACT website (www.theriogenology.org) under "Call for Abstracts".

Font: Single spaced, 12 point Times New Roman

Length: No longer than one page

Paper: 8.5" x 11"

Margins: 1.5" top and bottom - 1" left and right

Header: The title, authors, and their affiliations must be centered at the top of the page.

Content: Abstracts should state clearly the hypothesis and aims of the project, describe the methods used, and summarize the findings. Keywords (up to five) should be listed at the bottom of the page. Authors are encouraged to consider the criteria for judging provided on the website.

Form: You must complete and submit the submission form for your abstract.

Abstracts not adhering to these guidelines will not be considered for presentation.

DEADLINE: Abstracts must be received no later than February 15, 2018 for consideration.

IF YOU HAVE NOT RECEIVED AN ACKNOWLEDGEMENT THAT WE HAVE RECEIVED YOUR ABSTRACT SUBMISSION BY FEBRUARY 15, 2018, PLEASE CALL OUR OFFICE AT 334.395.4666

The ACT/SFT Abstract Submission Author Agreement Form must be signed by all authors. A copy of the completed form must be submitted along with the abstract. The form is available on both the ACT and SFT websites. Access the required Call for Abstracts application form on either the ACT website at www.theriogenology.org or the SFT website at www.therio.org under the 2018 Therio Conference heading, listed under Education and Events on both sites.

Those submitting abstracts for consideration will be notified by March 30, 2018 if their abstract(s) were accepted or declined.



Make plans now to join us for the 2018 Therio Conference in the beautiful city of Milwaukee, Wisconsin.

Millions of people visit this naturally beautiful, central Midwestern city each year. Milwaukee borders Lake Michigan and offers plenty in exceptional outdoor adventures with over 150 state and county parks, 75 golf courses, and over 130 miles of bike trails. Explore revitalized architecture throughout downtown, take in the rich brewing history at one of the many craft breweries, or experience one of the city's famous festivals, museums, or theaters.

Enjoy the 2018 Therio Conference at the historical Hilton City Center Milwaukee. The 2018 conference will feature Small Animal, Equine and Production Animal Tracks and a Bovine Pre-conference Seminar.

About Milwaukee



Milwaukee's nicknamed Cream City because of its distinctive cream colored brick and Brew City because of its rich brewing history.

Milwaukee borders the 22,300 square miles of Lake Michigan. The lake actually touches 14,200 square miles of Wisconsin. The Milwaukee RiverWalk spans nearly 3 miles along the Milwaukee River, taking you through downtown Milwaukee.

Downtown Milwaukee boasts over 150 restaurants and 17 museums.

Heralded as the "City of Festivals," Milwaukee showcases its rich heritage with a procession of ethnic and cultural celebrations throughout the summer. The Henry W. Maier Festival Park along the shores of Lake Michigan becomes a portal to the

world as guests are invited to explore the arts, cuisine, history and entertainment of a new culture nearly every weekend.

Arts and theater lovers will find so much to love in Milwaukee. The theater scene boasts opera companies, a world-class symphony, a nationally acclaimed ballet company and an array of professional dance and theater companies performing at venues all across the metro area. Enjoy some of the nation's best youth performers, the biggest Broadway hits on tour and experience a special night (and day) when the arts community opens its doors for art lovers of all kinds.

Biking, hiking, paddling and more – it's easy to find fun and adventure in Milwaukee's great "urban



outdoors." There are 15 golf courses, over 150 state county parks, and over 130 miles of bike trails. Downtown arenas are home to professional and college basketball, soccer, ice hockey, and roller derby, while Miller Park is home to the Milwaukee Brewers.

With all the many options for entertainment throughout the city, the entire family is sure to enjoy their visit to Milwaukee.



Photos credits: VisitMilwaukee.org

For more information about Milwaukee, go to www.VisitMilwaukee.org to view upcoming events, restaurant and museum guides, and more!