Dear Colleagues,

Your ACT Executive Board and Committees have been very active addressing a number of topics since our summer meeting in Milwaukee and we had a very full agenda at our winter Board meeting. Members of both the ACT and SFT executive boards have been working together along with representatives of other organizations to evaluate, draft or modify a number of position statements and guidelines, which include the welfare of breeding dogs, biosecurity for control of venereally transmitted diseases in horses and equine veterinary case referral. Our members' collaborative efforts also include involvement on a task force with the Association of Applied Animal Andrology to produce reference material for veterinary semen evaluation. This effort is being coordinated by Drs. Augustine Peter, Peter Chenoweth, and Leo Brito.

Claire Card represented the ACT at the November 2011 meeting of the ECAR in Lyon, France. She provided detailed information about the meeting and areas of possible collaboration. Stefano Romagnoli, president of ECAR, joined us at our winter Board meeting adding to the Executive Board’s discussions and further strengthening the association between our two Colleges. Dr. Romagnoli mentioned the upcoming International Congress on Animal Reproduction (ICAR) meeting in Vancouver, July 29 – August 2. He suggested that the ACT and SFT board members have some presence at this meeting and that they get together to strategize for collaborative efforts with ECAR. I encourage all of you to read the very informative excerpt from the European Board of Veterinary Specialization newsletter highlighting the ECAR, which is included in this newsletter (see pages 8 and 9).

The Theriogenology Foundation now supports and administers a number of awards, travel and research grants, that were previously administered through either the College or the Society. In light of this, the SFT and ACT Executive Boards voted to share the management costs of the Theriogenology Foundation with the SFT contributing 2/3 of the management fee and the ACT contributing the remaining 1/3 of the fee. This allows virtually all of the dollars donated to the Foundation to go toward awards and grants. The Board also voted to increase the suggested dues check off contribution to the Foundation from $15 to $25. Our Balance Sheet at the winter Board meeting indicated that the College is solvent with net assets of $224,475. However as of March, there were still 84 ACT Diplomates that were delinquent in paying their dues. This represents $19,950 in lost revenue to our College. I realize that many of us belong to a number of different organizations, and can get confused and lose track of which dues we have paid. If you have any doubt as to whether or not you are current on your ACT dues payment, please contact Linda Cargile (linda@franzmgt.com) or call 334/395-4666.

The Abstract Committee reported that several presenters (4 abstracts and 3 posters) failed to present their abstracts during the 2011 conference. I urge all those whose abstracts are accepted, as well as their mentors, to make every effort to ensure that their accepted abstracts are presented. Failure to present an abstract not only results in a significant disruption in the scientific program, but according to the Policy Manual can incur penalties to all of the authors on the abstract (5-year ban for 1st author, 1 year ban for all co-authors). The Board discussed a concern of the Abstract Committee regarding perceptions of (continued on page 2)
lower quality abstracts being presented in the "happy hour" abstract session due to the name. The Board approved a motion that the Abstract Committee considers the possibility for the happy hour abstracts to be a sponsored session and to solicit a sponsor for naming rights for the session. It was suggested the sponsor could support the happy hour reception immediately after the abstract presentations and that $10,000 annually would be an appropriate amount for that opportunity.

The AVMA requires that all Registered Veterinary Specialty Organizations (RVSO) initiate a program of maintenance of certification and to perform a job task analysis (JTA) by 2016. Dr. Franz discussed the JTA and his communications with several other specialty colleges who have initiated JTA in the past few years. He obtained an updated quote from Pro- metric (who came highly recommended by AVMA) and their price for a JTA is $42,000. Dr. Kasimanickam was appointed to chair a task force to develop the request for JTA proposals and subsequently present a proposal to the board. The chair will solicit other task force members by including one person each from the organizers of the educator's forum, the T&C Committee and the Exam Committee. Maintenance of certification is presently being discussed by the Training / Credentialing Committee (T&C Committee) and will be presented in a future recommended change to the General Information Guide (GIG). There will also be a need to make changes to the ACT Constitution and Bylaws (CBL) related to a requirement for maintenance of certification.

A recent ACT listserv exchange recommended that the president's term be two years rather than one. This would require a bylaws change and would have to be submitted in the proper manner for amending the bylaws. After discussion, the board was not in favor of making a change to multi-year officer terms at this time.

The Board discussed recent email exchanges regarding the continuing assault on reproductive veterinary practice by lay persons. Dr. Lisa Metcalf's father (former legal counsel for the American Association of Anesthesiologists) has offered his assistance to our organizations on ways to address this issue. Since this area is one of the proposed objectives in the SFT strategic plan, as a tool to address their goals and action items, this was presented at the combined ACT/SFT meeting, and assigned to an SFT Task Force headed by David Christiansen.

It has come to the attention of the Board that there is a widespread misconception regarding the honorary status within the College. Individuals granted honorary status in the ACT are designated Honorary Members of the College not Honorary Diplomates. This may seem like a trivial difference to some, but the distinction is important. Diplomate status is reserved for veterinarians who, through their training and study, have qualified for, taken, and passed a rigorous certification examination. Honorary Members, are considered persons of unusual eminence in the veterinary or allied professions who have made exceptional contributions to knowledge in theriogenology. After being nominated, and upon recommendation by the Executive Board, Honorary Member status shall be granted if the nominee receives an affirmative vote of two-thirds of the votes cast by voting Diplomates.

As many of you recall, we had quite a lively business meeting, with much spirited debate regarding proposed changes in the GIG and requirements for certification. Ultimately, the changes were adopted based on a vote of the members present. However, the circumstances surrounding this vote demonstrate a number of shortcomings in our current system and the need to address these shortcomings. With the electronic communication technologies that are now available, it is apparent the rules dictating the voting on measures only at the annual business meeting are archaic and in need of modification, so as to allow input from a larger proportion of the membership. Any substantive changes in the CBL will of course take time. Dr. Franz will prepare information on this for our next Board meeting. In the interim, the SOP of the T&C Committee has been modified to allow the membership to have multiple opportunities to view and provide input, electronically, on any proposed changes to the GIG.

Remember that members of the Executive Board were elected by you to serve as your representatives. The board does not intend to operate autonomously or in a vacuum. Therefore, in order for the Board to make decisions that best represent the concerns and wishes of our membership, we must have input from you. Any Diplomate that has something that he/she feels should be addressed by the Board can contact any of the Board members or Dr. Franz to have an item presented for discussion, and I encourage you to do so. I also encourage each of you to participate in the governance of our College by running for a position on the Executive Board, or volunteering to serve on various committees and task forces.

It is with great sadness that I must report that six of our Diplomates passed away within the last year. The Diplomates that we lost are: Woody Asbury, class of '78; Peter Farin class of '91; Grant Frazer, class of '87; Harold Miller class of '78; Dave Morris, class of '79 and Steve Hopkins, class of '81. We will sincerely miss these individuals who contributed so much to our College. Please keep them and their families in your thoughts and prayers.

Finally, I call upon all of you to support the Theriogenology Foundation. This can be achieved through a number of avenues, including your dues check off option, as well as both donating and purchasing items at the Theriogenology Foundation auction. For the past two years, the largest proportion of both auction donations and purchases were made by members of the Theriogenology Foundation board, many of whom are also members of the ACT and/or SFT Executive Boards. Obviously, we need a much broader support from both the College and Society memberships in this endeavor. For more information regarding the Foundation and all the important things that it does for our discipline go to the link to the Theriogenology Foundation on our ACT website. Please plan on attending the conference and our meeting this summer in Baltimore and show your support of your College, the Society and the Foundation.

Steven P. Brinsko
ACT President
Welcome to the Class of 2011 Diplomates!

Drs. David Beehan, Igor Frederico Canisso, Celina M. Checura, Tonya Collop, Brent Cousin, Mouhamadou Koundel Diaw, Craig Easley, Francois Xavier Grand, Shelby Hayden, Candace Jacobson, Alicia Rose Gores Lindholm, Monica Morganti, Roberto A. Palomares Naveda, Kendra Rock, Mary Sebzda, Jonathan Spears, Smadar Tal, Justin L. Voge

2011 Exam Statistics  Would you like more information and statistics from the certifying exam data? Please visit the ACT website and follow the link “Becoming a Diplomate.”

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<td>TOTAL</td>
<td>25</td>
<td>18 (72%)</td>
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Species Sat at the exam Passed the exam
Multi-species 12 9
Equine 8 7
Bovine 2 0
Companion Animal 3 2
TOTAL 25 18 (72%)

American College of Theriogenologists

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Breakdown By Employment Type

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The ACT Scientific Abstract Committee would like to thank all colleagues that have submitted an abstract for consideration for our 2012 Annual Conference in Baltimore, MD. This year, a total of 34 scientific abstracts were submitted in the competitive (n=15) and non-competitive (n=17) categories. This year a third category was added – case reports, for which we had two submissions. We look forward to this category to expand in future years. In addition, although the number of submissions was somewhat lower than in previous years due to juxtaposition with other scientific meetings, the submissions were fairly balanced between species: 14 for equine, 8 for food and fiber animals, and 12 for small animals. Abstracts were reviewed anonymously by each member of the committee, according to the criteria published in the SFT and ACT websites, and the highest scoring abstracts were selected for presentations. Committee members with a conflict of interest for a particular abstract did not participate in scoring of that abstract.

As usual, the 2012 Conference will begin with presentations of the Happy Hour Abstracts on Tuesday evening. Despite its casual name, these are the top eight scoring abstracts in the non-competitive category and should be an exciting session! The Competitive Abstract Session will follow on Wednesday and will include the top eight abstracts submitted by graduate students, residents, veterinary students or undergraduate students. These oral presentations will be evaluated by members of the Committee and the abstract with the highest combined score (written and oral) will be considered the winner. On Thursday, abstracts will be presented in concurrent species-specific sessions: equine, food and fiber animals, and small animals.

The Committee would like to welcome our new members: Sandra Ayers (4 year term, mixed animal emphasis) and Soon Hon Cheong (2 year term, ad hoc member recent graduate)! The new members are replacing Michelle Kutzler and Erica Gee, respectively. The Committee is grateful for all the hard-work of the outgoing members. We would like to extend a special thanks to Michelle Kutzler serving as past-chair and for all her guidance and support to the committee during this past year.

Next year we will seek nominations for a regular member with an emphasis in Equine Theriogenology and for a new ad hoc member. These nominations are open to all ACT diplomates with an interest in basic or applied Theriogenology research and that are willing to further the dissemination of scientific information within the College and the Society.

In closing, I would like to thank my colleagues in the Scientific Abstract Committee for all their dedication and effort in preparing a multi-species and high-quality scientific program for the 2012 Annual Conference. In addition to the two outgoing members, the committee is joined by Dietrich Volkmann, Maria Soledad Ferrer, and Ram Kasimianickam. We also would like to thank Dr. Charles Franz and his office staff for all the support provided to the Committee!

We look forward to seeing you in Baltimore!

Cheers,

Sara K. Lyle
Chair, ACT Scientific Abstract Committee
The newly elected vice-president will assume the offices of president-elect and president in 2012 and 2013, respectively. Please mark the enclosed ballot and return in the pre-addressed envelope. Your ballot should be mailed in order for it to reach the ACT office by June 29, 2012.

Vice-President

Dr. Barry Ball, I received my D.V.M. degree from the University of Georgia in 1981. After spending time in private practice, I completed a Theriogenology residency at the University of Florida. Subsequently, I completed graduate training at Cornell University where my doctoral research examined aspects of early embryonic loss in mares. I was a member of the faculty in Clinical Sciences at Cornell University from 1987 – 1996. In 1996, I was appointed as the first John P. Hughes Endowed Chair in Equine Reproduction at the School of Veterinary Medicine, University of California-Davis. From 2010 until today, I have served as the first Albert Clay Endowed Chair in Equine Reproduction at the Gluck Equine Research Center at the University of Kentucky. My current research emphasis is directed toward reproductive endocrinology and pregnancy loss in mares.

I have been a Diplomate of the American College of Theriogenologists since 1987. During the interim, I have had the good fortune to mentor 18 clinical residents in Theriogenology as well as serving as a mentor for several candidates for board certification through non-traditional routes. I served as an executive board member for the College during 2002-04.

During my 25 years as a member of the College of Theriogenologists, I have witnessed significant changes in the makeup of the organization, the species emphasis within the discipline, and a significant growth in the number of international members of the college. The ACT has become an important veterinary specialty which has extended its influence beyond academics into private practice, industry and government. Current challenges facing the college include the reduction of faculty and training programs in Theriogenology in veterinary academics, public recognition of the college include the reduction of faculty and training programs in Theriogenology as well as adapting to non-traditional routes. I served as an executive board member for the College during 2002-04.

Dr. Rich Linhart is running for vice president of the American College of Theriogenologists and is a senior veterinarian with the Pfizer Animal Health Beef Veterinary Operations team. Dr. Linhart specializes in advising clients on estrus synchronization programs, helping them implement these programs to optimize results of artificial insemination and embryo transfer programs. He also put his expertise in production medicine to work in the areas of prevention and control of neonatal diseases, stocker cattle health management, parasite control, use of genomics to improve ranch profitability and food safety. Rich has a special interest in the effects of nutrition on the bovine immune system and its impact on reproductive efficiency.

Prior to joining Pfizer in 2007, Dr. Linhart spent 20 years as owner of Simpsonville Animal Hospital in Simpsonville, Ky., a cow calf, stocker and exotic animal veterinary practice. He received his veterinary medical degree in 1983 from Purdue University in West Lafayette, IN, completed a theriogenology residency at University of Missouri and the Beef Production Medicine Course at the University of Nebraska.

Rich is also interested in exotic animal medicine and continues to consult with the Louisville Zoo on hoofed stock and marine mammal health and was formerly with the Kentucky Department of Fish and Wildlife where he was responsible for the veterinary care of bison, elk, deer, black bear, bobcats and reptiles.

Linhart is a member of the American Association of Bovine Practitioners, Society for Theriogenology, Academy of Veterinary Consultants and the American Veterinary Medical Association.

Rich achieved diplomat status in the American College of Theriogenologists in 1988 via the residency route and has served the College on the examination, mission, education and nomination committees and currently serves on the Theriogenology Foundation Board of Directors.

If elected to serve as vice president, Dr. Linhart hopes to bring attention and focus on enhancing the value and image of theriogenology and theriogenologists in practice, academia and with the public.

Rich is an avid fisher, mule rider and avid metal artist with a primary interest in welded metal sculpture. He and wife, Jutta, hand-built their log cabins in Simpsonville, KY and Boise, ID and have 4 children.

Executive Board Member

Director-At-Large

Dr. Pat Meyers. I received my BS(1977), DVM (1984) and MS (1985) from University of Guelph. I became a Diplomate of the American College of Theriogenologists, with a species emphasis on equine, in 1989 through residency at Texas A&M.

My main focus of work is Clinical Theriogenology, including stallion semen preservation (fresh-cooled & frozen), mare and stallion infertility, embryo transfer.

My vision for the ACT would be to attain a closer relationship between research and clinically oriented Theriogenologists in order that both could benefit from each other’s strengths. Clinical Theriogenologists should be encouraged to perform collaborative research projects with their academic peers in order for them to appreciate each others disciplines!

Dr. Stuart Meyers, Michigan State University, 1985, Interested in Director position with ACT. Diplomate, ACT 1990, Large Animal Reproduction Residency Texas A&M University (’87-’89), Equine practice and Dairy experience (prior to residency), Equine Repro clinician New Bolton Center, University of PA.

Research area: Male subfertility, sperm cryopreservation and sperm biology

I am deeply interested in serving the College as a member of the Executive Board. I recently served as Treasurer of ACT from 2008-2011 and am familiar with numerous issues facing the ACT and the Board in particular. I have also served ACT as an original member of the Educator’s Forum and have planned and participated in the past 3-4 annual forums. I am dedicated to teaching in Theriogenology and am a teacher in the UC Davis professional curriculum and have an active research program in male infertility and sperm cryopreservation. (Continued on page 6)
I did my undergraduate and DVM degrees at Michigan State University, MS degree in Animal Science at Oregon State University, and PhD at University of California Davis. I have been in mixed large animal and equine practice both before and after residency training in Theriogenology at Texas A&M University. I feel I would bring a broad vision of growth and development to the ACT board based on my experience in practice and academia. The ACT faces a number of issues related to credentialing residency programs, trainees, and trainers/mentors. Owing to the present economy and the dependence of most veterinary schools on state-support, we are facing a decline in residency training opportunities, and potential diplomates. My overall desire is to see the ACT flourish and grow, and to be an integral part of advanced veterinary training at most major institutions in North America.

HONORARY MEMBER

Dr. James L. Voss was a 1958 graduate of Colorado State University with a Doctor of Veterinary Medicine degree and joined the faculty in 1958 as an Instructor. He has held positions of Assistant Professor, Associate Professor, Professor, Chairman of the Department of Clinical Sciences, and served as Dean of the College from 1986 until his retirement in October 2001. Prior to his retirement, the Colorado State University Veterinary Teaching Hospital was renamed the James L. Voss Veterinary Teaching hospital in honor of Dr. Voss’s many years of dedicated service to the University and the veterinary profession.

Dr. Voss’s specialty interests include equine reproduction and internal medicine. He served on numerous committees at Colorado State University, both at the college and university levels. He has served as President of the Colorado Veterinary Medical Association, President of the American Association of Equine Practitioners and President of the Association of American Veterinary Medical Colleges. He also served on the AVMA’s Council on Education and the National Commission on Veterinary Economic Issues.

Dr. Voss has authored or co-authored over 190 scientific and popular publications and presented over 180 seminars and/or scientific papers at various local, national and international meetings. He is one of two editors of a book entitled Equine Reproduction. This book has become the reference text both in the US and internationally for veterinarians and students interested in equine reproduction.

In addition to his other accomplishments Dr. Voss provided leadership, mentoring and support to a vast array of reproduction graduate students, interns, residents and young faculty at Colorado State University. He trained many students in equine reproduction and led the faculty in the Department of Clinical Sciences. Dr. Voss was also a part of the original group that founded the Animal Reproduction Laboratory (now named the Animal Reproduction and Biotechnology Laboratory-ARBL) at Colorado State University. The ARBL unit is a world recognized unit that researches and trains veterinarians and graduate students from all around the world. The ARBL has been and still is at the forefront of equine reproductive research.
Barry A. Ball, DVM, PhD, DACT has been selected for the 2012 “Theriogenologist of the Year” award. Dr. Ball received multiple recommendations on behalf of his tremendous contributions to the field of theriogenology internationally with demonstrated excellence in research, clinics and teaching/mentoring of veterinary students, residents, and graduate students.

In addition to being an active member in both the American College of Theriogenologists and Society for Theriogenology Dr. Ball is also a member of the American Veterinary Medical Association and the American Association of Equine Practitioners. For several years he was also a member of the Society for the Study of Reproduction (1986-2007). In the College he served as a Director on the Executive Board from 2002 to 2004. He currently serves as a Director on the Theriogenology Foundation Board and is a member of the Editorial Consultant Board for the Equine Veterinary Journal (2012-2014).

Dr. Ball currently serves as the Albert G. Clay Endowed Chair in Equine Reproduction at the Maxwell H. Gluck Equine Research Center, University of Kentucky. Before taking this position he held positions at three major universities: Cornell University (1984-1996), University of California, Davis (UC Davis) (1996-2010) and University of Kentucky (2010-current). In fact, he also served as the John P. Hughes Endowed Chair in Equine Reproduction during his time at UC Davis. Dr. Ball has also received numerous research awards including the AVMA Award for Excellence in Equine Research (1996), the Schering-Plough Award for Outstanding Research of Equine Reproduction (1997), the Pfizer Award for Distinguished Teaching (2003), Fulbright Distinguished Scholarship (2004-05) and Bye Fellowship (2004-05) to name a few.

Dr. Ball’s expertise in reproductive biology is documented by his numerous publications in scientific journals, and presentations at scientific and professional conferences around the world. He has published close to 100 peer-reviewed scientific articles, approximately fifty book chapters, case reports and reviews, and over 100 scientific abstracts. The fact that Dr. Ball’s articles have been published in well recognized journals in the field of reproductive biology rather than equine specialty journals is evidence that his work in equine theriogenology has implications to the wider field of reproductive biology in addition to its potential benefit to the equine industry. In addition to his publications, Dr. Ball is a well sought-after and popular speaker at national and international scientific and professional meetings. He has presented his research at approximately 61 scientific conferences and lectured at 55 veterinary and lay continuing education courses. His research accomplishments have consistently been characterized by a high degree of quality and originality.

Although Dr. Ball has received tremendous praise for all of his accomplishments, the greatest area of praise and recognition seemed to be for his dedication to training and mentoring graduate students. He has mentored twenty-six graduate students and eighteen veterinarians in their residency training in theriogenology. He has served as a major advisor to six PhD students and three MS students, many who have moved on to successful academic careers at prestigious institutions in the United States as well as Canada. Of the eighteen veterinarians that received residency training under the guidance of Dr. Ball, fourteen went on and successfully became board certified in the American College of Theriogenologists and/or the European College of Animal Reproduction. Dr. Ina Dobrinski, ACT Diplomate and 2008 Theriogenologist of the Year recipient, was mentored by Dr. Ball and shared in her nomination letter, “Barry truly inspired me with his enthusiasm for the field and by his exemplary standards of personal and professional integrity while at the same time being a great person to work with. He was a true role model for the progress of my career and I often find myself referring back to some of the conversations we had during my graduate training.”

Dr. Ball has made a tremendous impact on the field of theriogenology and has proven himself to be an outstanding researcher and mentor. Dr. Ball will be honored at the Therio Awards Banquet, Thursday, August 23rd at 6:30 p.m. in conjunction with the Therio conference in Baltimore, Maryland, August 20-25, 2012. This is an event that you will not want to miss! Register for the conference and purchase your Awards Banquet tickets today at www.therio.org.

In Memoriam

The American College of Theriogenologists fondly remembers the following members and Diplomates that have passed away since the 2011 spring newsletter:

- Dr. Grant Frazer
  July 2011
- Dr. Harold Vardaman Miller
  July 12, 2011
- Dr. David Morris
  August 3, 2011
- Dr. Peter William Farin
  August 30, 2011
- Dr. Atwood “Woody” Asbury
  November 17, 2011
- Dr. Steven Michael Hopkins
  February 14, 2012
INTRODUCING A COLLEGE: ECAR

Stefano Romagnoli, ECAR
EBVS Past President

Animal reproduction has long been recognised as a relevant core discipline of the veterinary curriculum. The scientific progress in the disciplines of animal reproduction (gynaecology, andrology, obstetrics and perinatology, biotechnology of reproduction), the increasing cooperation of veterinary reproduction specialists in Europe and the aim of providing a professional service of the highest possible level all over Europe led to the formation of two European scientific societies dedicated to animal reproduction: the European Society of Domestic Animal Reproduction (ESDAR), founded in 1997 and the European Veterinary Society for Small Animal Reproduction (EVSSAR), founded in 1998. In 1998, both societies approached the EBVS independently with the aim of establishing two distinct European colleges, one dedicated to the reproduction of small companion animals (EVSSAR) and one dedicated to the reproduction of production animals, equidae as well as small companion animals. Upon receipt of the two letters of intent and first draft documents, EBVS suggested that the two groups should discuss the possibility of one common College, a suggestion which was readily accepted. In 1998, the Organising Committee for a college of animal reproduction was formed by the following Founding Diplomates (Invited Specialists) named by both ESDAR and EVSSAR:

- Jörg Aurich (A-Vienna, ESDAR)
- Aart de Kruif (B-Ghent, ESDAR)
- Stig Einarsson (S-Uppsala, ESDAR)
- Gary England (UK-London, EVSSAR)
- Wenche Farstad (N-Oslo, EVSSAR)
- Torben Greve (DK-Copenhagen, ESDAR)
- Catharina Linde-Forsberg (S-Uppsala, EVSSAR)
- Detlef Rath (D-Mariensee, ESDAR)
- Laszlo Solti (H-Budapest, ESDAR)
- Bert van der Weijden, (NL-Utrecht, ESDAR)
- John Verstegen (B-Liege, EVSSAR)

Although ECAR has its origins in ESDAR and EVSSAR and continues a close cooperation with both societies, the organising committee was established as an independent body and was given the task of organising the structure of the College and working on the provisional recognition of ECAR by EBVS. Also, the ECAR organising committee decided to establish close links with the American College of Theriogenologists. ACT Diplomates were invited over to Europe to contribute to the development of ECAR, particularly with regard to the tasks of the Exam and Credentials Committees. Furthermore, a) both ECAR and ACT exchange invitations to each other’s Presidents to attend the Annual Board as well as the Annual Business Meeting of the parent association, b) ACT Diplomates can train ECAR residents in Europe, and ECAR Diplomates can train ACT residents in the USA. The application for provisional recognition was accepted by the EBVS in 1999. Since then, ECAR has grown steadily (Table 1), its first exam was held in 2002 and the College was fully recognised by EBVS after only 5 years in 2004. The first ECAR President was Stig Einarsson (Uppsala, S, 1999-2002 and 2002-2005), followed by Elaine Watson (Edinburgh, UK, 2005-2008), Joerg Aurich (Vienna, A, 2008-2011) and Stefano Romagnoli (Padua, I, 2011-2014).

The name of the College (animal instead of mammalian reproduction) reflects the broad spectrum of disciplines including biotechnology of reproduction as well as reproduction of avian and exotic animals. ECAR residents are trained in all species but usually focus on one of the following fields: a) small animal reproduction; b) equine reproduction; c) ruminant reproduction and herd health; d) porcine reproduction and herd health; e) reproductive biotechnology. Residents must maintain a brief case dairy of all cases seen (listing date, signalment, presenting complaint, diagnosis, treatment etc. including degree of responsibility taken by the Resident) during the programme, as well as a diary listing days of clinical service, external instruction, scientific meetings attended and presentations given. Training must encompass all fields of reproduction (physiology, pharmacology, pathology, microbiology, endocrinology, anaesthesiology, surgery, as well as technical and legal aspects of animal breeding, artificial insemination and diagnostic imaging. The recertification process takes place every 3 years for all Diplomates of the College. Such an arrangement is somewhat time consuming as it gets undertaken for all Diplomates during the same calendar year, but it ensures that nobody is forgotten by establishing clear deadlines by which all Diplomates have to strictly abide. In the two recertification rounds that have taken place so far (2005 and 2010), approximately 10-15% of Diplomates have not recertified or have opted for Non-Practising status. The current composition of ECAR Diplomates reflects its strong international character, with several of its 214 members being from and/or working in countries outside Europe including North and South America, South Africa, the Arabian peninsula and Oceania (Table n° 2). ECAR Residents can be trained in 32 Training Institutions approved by the College and located in European countries. In 2011, 17/42 Residents (all 42 being trained in standard training programmes) took the ECAR exam and 13 passed, giving a total number of ECAR Diplomates of 214.

Recognition of the ECAR Diploma is considered very important by the College. Although still not formally regulated, there is a substantial agreement between ECAR and ACT concerning recognition of each other’s Diploma and the possibility for Diplomates of both associations to use their titles on both sides of the Atlantic. Talks are under way with the Australian and New Zealand College of Veterinary Scientists to formalise recognition of the ECAR Diploma with the Diploma issued

<table>
<thead>
<tr>
<th>Year</th>
<th>N° of ECAR members</th>
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<tr>
<td>1999</td>
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<td>2010</td>
<td>208</td>
</tr>
<tr>
<td>2011</td>
<td>214</td>
</tr>
</tbody>
</table>

Table n° 1—Progressive composition of ECAR Diplomates from the birth of the College in 1999 to present.
CURRENT ACT CONSTITUTION & BY-LAWS (CBL) ON AMENDMENTS

Article VIII. Amendments

Section 1. Proposed amendments to the Constitution and By-Laws shall be signed by at least three Diplomates and shall be presented to the Executive Board for its recommendations.

Section 2. The proposed amendment with the recommendation of the Executive Board, favorable or unfavorable, shall be announced by mail at least sixty (60) days in advance of any annual business meeting at which the proposed amendment may be discussed.

Section 3. An affirmative vote of a two-thirds majority of the voting Diplomates in attendance at the annual business meeting shall be required for the adoption of any amendment.

BY-LAWS - Article IV. Committees

Section 5. The Executive Board shall appoint a Training/Credentialing Committee whose duties shall be to establish requirements for postgraduate education and experience prerequisites to certification in theriogenology, establish standards for training and mentorship programs, review and approve training program and trainee registration applications, review credentialing applications and make recommendations to the Executive Board for approval.

a) The committee shall consist of seven (7) Diplomates including The Immediate Past President and six (6) additional Diplomates. Diplomates shall serve a term of six (6) years except for The Immediate Past President who shall serve a term of one (1) year consistent with the term as The Immediate Past President of The College.

b) Initial committee appointments shall be for staggered terms from one (1) to six (6) years.

c) Members shall serve as committee chair in their fifth year of service.

d) Members (other than the Immediate Past President) shall not serve concurrently on the Executive Board or Certifying Examination Committee.

e) Standards and requirements for post graduate education and experience prerequisites to certification in theriogenology shall be established in a General Information Guide for the College.

PROPOSED CHANGES TO ACT CBL / March 15, 2012

Co-sponsors of this amendment (in alphabetical order) are Drs: Barry Ball, Charles Love, Sara Lyle, Dale Paccamonti, Peggy Root Kustritz, Craig Smith and Dickson Varner

CONSTITUTION - Article VIII. Amendments

Section 1. Proposed amendments to the Constitution and By-Laws shall be signed by at least three Diplomates and shall be presented to the Executive Board for its recommendations.

Section 2. The proposed amendment with the recommendation of the Executive Board, favorable or unfavorable, shall be announced by mail posted on the ACT website and distributed via the ACT list serve at least sixty (60) days in advance of any annual business meeting at which the proposed amendment may be discussed.

Section 3. An affirmative vote of a two-thirds majority of the voting Diplomates in attendance at the annual business meeting shall be required for the adoption of any amendment.

BY-LAWS - Article IV. Committees

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d) Members (other than the Immediate Past President) shall not serve concurrently on the Executive Board or Certifying Examination Committee.

e) Standards and requirements for post graduate education and experience prerequisites to certification in theriogenology shall be established in a General Information Guide for The College.

1) The initial General Information Guide shall be submitted to the Executive Board for approval.

2) The General Information Guide shall be reviewed annually with recommendations, if any, for changes submitted to the Executive Board for approval at the summer board meeting.

3) Such proposed changes shall be posted on the ACT website and distributed via the ACT list serve at least sixty (60) days in advance of the annual business meeting at which the proposed changes will be discussed.

4) Changes to the General Information Guide that are approved by the Executive Board must also be approved by a majority of the voting Diplomates in attendance at the annual business meeting before they shall become effective.

5) Any proposed changes to the General Information Guide that are received less than sixty (60) days before the annual business meeting at which the proposed changes will be discussed will be considered for adoption only if the Executive Board votes to recommend approval of the changes and the prior notice provision is first waived by a two-thirds vote of those in attendance at the annual business meeting.

Fellow Diplomates,

I call your attention to two very important items in this newsletter. The first is the modified Standard Operation Procedures (SOP) for the General Information Guide (GIG) that I alluded to in my President’s report and that Dr. Christensen has presented in his Training/Credentialing Committee (TCC) report in this newsletter. This modified SOP demonstrates a significant effort by the TCC to provide transparency to the membership of their actions and it was approved by the Executive Board in the fall of 2011.

The second item is the proposed Amendments to the ACT Constitution and By-Laws (CBL) that has been put forth by seven of our Diplomates. According to Article VIII Section 2 of our Constitution, 1) The proposed amendment with the recommendation of the Executive Board, favorable or unfavorable, shall be announced by mail at least sixty (60) days in advance of any annual business meeting at which the proposed amendment may be discussed, and 2) an affirmative vote of a two-thirds majority of (continued on page 10)
the voting Diplomates in attendance at the annual business meeting shall be required for the adoption of any amendment. The proposed amendment is provided for your review below with the proposed changes shown with strike-thru or underlines.

This amendment also appears to be an attempt to increase both transparency and the ability of the membership to be involved in the decision making processes of the College. However, the authors of the proposed amendment may not have been aware of the new GIG SOP that addresses some of these concerns. While the Executive Board (EB) and the TCC applaud authors of this proposed amendment for their efforts, neither EB nor the TCC approves of the amendment in its entirety. Both the EB and the TCC are in favor of the proposed change in Article VIII, Section 2 of the Constitution as well as Article IV Section 5.c.3 of the Bylaws. However, the TCC unanimously and the majority of the EB feel that Article IV Sections 5.c.4 and 5.c.5 are problematic because these changes still require final decisions to be made by the voting members present at the annual business meeting. Neither the EB nor the TCC feel that this provides enough representation of the membership, and would prefer that the voting on major issues be conducted electronically, so a greater proportion of the College membership could provide input and vote on important matters. Since all GIG changes under the proposed CBL would still require a vote at the meeting for approval, and due to the relatively small number of Diplomates that are typically present at the meeting, the EB has taken a position recommending against approval of those portions of the CBL change as written. Again, note that in accordance with the current version of the CBL, the proposed amendment will be voted on by the members present at this summer’s annual business meeting in Baltimore.

Since the ACT is a Tennessee corporation, Dr. Franz has researched the Tennessee code related to nonprofit corporations. There are no obvious specific allowances for actions other than through face to face meetings and written ballots. Therefore the EB has voted to enlist an attorney, licensed in Tennessee, to assist us with a CBL review and address the possibility of moving to an electronic form of voting.

Sincerely,

Steven P. Brinsko
ACT President

FROM THE CREDENTIALING COMMITTEE...
Bruce Christensen, DVM, Dip. ACT

The revised General Information Guide (GIG) approved at the 2011 General Board Meeting (GBM) is posted on the ACT website. The approval of this revised GIG came with some concerns at the 2011 annual business meeting, specifically regarding transparency and involvement of the general membership. As a result, a change in the constitution and bylaws has been proposed by members of our college and is included on page 9 of this newsletter. This proposal requires a vote of the members in attendance at the annual business meeting to ratify any proposed changes to the GIG. The Training and Credentialing Committee (TCC) unanimously opposes this proposal because of the concern that decisions made solely at the annual business meeting reflect the opinions of a relatively small number of ACT members (those who happen to be in attendance at the meeting that year). While we can see the value in an open “in person” discussion, we feel that input should be garnered from every member and decisions made in light of the majority opinion of the general membership, not by the microcosm represented at the annual business meeting. We do, however, strongly agree with the spirit of this proposal, which is to ensure greater transparency and participation of the general membership. As such, we support a move towards electronic voting to include all ACT members. In addition, in response to these concerns regarding transparency and increased member involvement, immediately following the 2011 annual business meeting, the TCC submitted a revised version of their Standard Operating Procedures (SOP) to the Executive Board (EB), which they subsequently approved and are now in effect. We strongly encourage Diplomates to consider these changes and decide if they adequately address the concerns discussed. Important changes in the SOP include:

- The Chair will annually seek input from the diplomates attending the GBM regarding suggested changes to the GIG to be considered in the upcoming year.
- Public comment periods regarding changes to the GIG will be no less than 2 weeks, but we will make every effort to make them 30 days or more, especially if changes are considered to be more than minor changes.
- Diplomates will be informed of comment periods and postings of proposed GIGs using all reasonable means, including email blasts, the ACT listserv, and the ACT newsletter.
- Public comment periods will be accompanied by a polling opportunity (such as Survey Monkey) to encourage broader participation in gathering opinions of the diplomates.
- If significant changes are deemed necessary based on the feedback from the public comment period, a revised GIG will again be posted for public comment and survey.
- The final proposal for a new or revised GIG will be submitted to the EB at least 2 weeks prior to the summer meeting, and posted on the ACT website at the same time so that all diplomates may see the proposed GIG revisions prior to the GBM.
- The Chair will write a summary of the TCC activities for inclusion in each ACT newsletter.

The TCC has been working hard this year on proposed changes to the GIG focusing on the minimum requirements for theriogenology training programs, including residency, alternate, and graduate training routes. We have considered minimum requirements for facilities, clinical experience, non-clinical activities, and exposure to their mentors. In addition, we have worked to clarify the requirement for peer-reviewed publication. These represent major and, we hope, positive changes in our college.

The proposed changes are now available for the general membership to view on the ACT website, http://www.theriogenology.org/displaycommon.cfm?an=1&subarticlenbr=101. You should have received an invitation to complete a Survey Monkey survey (http://www.surveymonkey.com/s/2013GIG) in connection with this document that solicits your official opinions regarding the proposed changes. While we encourage open discussion on the listserv and elsewhere, we need each of you to take the time to look at these proposed changes and make your comments on the survey. Your input is as important as any of these proposed changes as it is if you oppose any of these proposed changes. The proposed 2013 GIG and accompanying survey will be available until May 31, 2012, at which time the TCC will consider the comments of the general membership in preparing a revised draft of the proposed GIG, which we hope to make available to the general membership for a second comment period prior to a final draft to be presented to the EB in time for their consideration at their annual meeting in August. The second public comment period will be announced via an email blast to all ACT members.

The TCC has begun to draft a document specifying the Maintenance of Certification (MOC) procedure for future Diplomates. Our draft of the proposed procedures will be presented to the EB at their summer meeting. Further work will be done the following year and a draft of the document will be presented for the general membership to review and comment in spring of 2013. In short, we are considering a process that will allow future Diplomates to accumulate points towards MOC through a combination of activities including attendance at continuing education events, writing questions for the ACT examination, serving on ACT committees (especially Examination and Scientific Committees), presenting lectures on theriogenology topics, peer-reviewed publications
in theriogenology, mentoring, and advanced clinical case work. These proposed requirements will only apply to new Diplomates receiving certification after the implementation date (January 2014, at the earliest).

The TCC reviewed registrations from 40 residency programs located at 35 institutions. Because of a current lack of guidelines as to minimum program requirements, no programs were rejected at this time.

The TCC was presented with 27 Credentialing applications for the 2012 examination and 4 Mentorship Program applications to begin study in preparation for future examinations. All applications were approved.

The Training and Credentialing Committee consists of Bruce Christensen (chair), Augustine Peter, Milan Hess, Gary Nie, Ah-

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**Symposium honoring Dr. Michelle LeBlanc to be held during Annual Theriogenology Conference**

The Theriogenology Foundation in partnership with Rood and Riddle Equine Hospital will hold a one day symposium honoring Dr. Michelle LeBlanc at the conclusion of the Annual Theriogenology Conference, which will take place this year in Baltimore, Maryland, August 20 through 25. The symposium, which will focus on the problem mare, will be held on Saturday, August 25 at the Hyatt Regency on the beautiful Inner Harbor. An international roster of distinguished speakers has been assembled to present the latest information on the diagnosis and treatment of the infertile mare.

Presenters will include Twink Allen, BVSc, PhD, ScD, DESM, MRCVS, England; Keith Betteridge, BVSc, MVSc, PhD of Ontario Veterinary College; Dale Paccamonti, DVM, MS, DACT, of Louisiana State University’s School of Veterinary Medicine; Dirk Vanderwall, DVM, PhD, DACT of New Bolton Center, University of Pennsylvania; Elaine Carnevale, DVM, PhD, MS, of Colorado State University and Michelle LeBlanc, DVM, DACT and Rolf Embertson, DVM, DACVS, both of Rood & Riddle Equine Hospital.

Proceeds from the symposium will go toward Dr. LeBlanc’s out-of-pocket medical expenses incurred from aggressive medical and surgical treatments for cancer.

A well-respected theriogenology educator, researcher, and practitioner, LeBlanc was awarded the Lifetime Achievement Award from the World Equine Veterinary Association in 2011 and she is a former Theriogenologist of the Year. Regarding the symposium, Tom Riddle, D.V.M. stated, “Great speakers, great information, great cause. If you work with problem mares, this will be a can’t miss event.”

For more information on The Problem Mare Symposium honoring Dr. Michelle LeBlanc go to therio.org or call the Theriogenology Office at 334-395-4666. The registration fee for the symposium will be $250, which includes lunch. Following the symposium there will be a reception and dancing at 7 p.m. at the Hyatt Regency Baltimore on the Inner Harbor. Tickets for the reception may be purchased separately from the symposium, and are $100.

For those who would like to support Dr. LeBlanc but are unable to attend the events, contributions are being accepted online at www.therio.org, or checks made payable to the Theriogenology Foundation may be mailed to Society for Theriogenology, Attention: Roberta Norris, P.O. Box 3007, Montgomery, Alabama 36109. (Please write Dr. LeBlanc’s name on the memo line).
The Therio Foundation presents
The First Annual Therio Foundation Raffle of The Louisville 2013 Convention Package

Convention Registration provided by SFT
Hotel Room for 3 nights provided by SFT
Roundtrip Airfare provided by Rood and Riddle Equine Hospital
One ticket to each evening event provided by SFT

Only 100 tickets will be sold
Ticket price $100
No limit on number of tickets purchased

Drawing Thursday August 23, Awards Banquet
Winner does not have to be present to win.

All proceeds support the mission of The Theriogenology Foundation. The Future of Animal Reproduction

Ticket sales will begin May 1, 2012.
Contact Melissa@franzmgt.com

4th Annual Theriogenology Foundation Auction Call for Auction Items

The Theriogenology Foundation is pleased to host its 4th Annual Silent and Live Auctions on Thursday evening, August 23rd in conjunction with the Therio Awards Dinner. All proceeds benefit the Foundation. We ask you to dig deep into your basements, offices and attics for items. Items of all price ranges are needed to have something for every budget, so please contribute to this signature fundraising event. Proceeds from the auctions enable our Theriogenology Foundation to advance the science and practice of animal reproductive medicine. Help secure our future!

Suggested items include:

- Sporting Items – biking, hunting, fishing, riding, running, etc.
- Books
- Veterinary Products
- Artwork
- Handcrafted Items
- Clothing
- Clinic Visits
- Special Events – CE, tickets to sporting events
- Vacations

For all donations we ask that you would please fill out the Auction Donation Form and send to Melissa Williford at the Theriogenology Office via email: Melissa@franzmgt.com, fax: 334-270-3399, or by mail: TF Auction, PO Box 3007, Montgomery, AL 36109. The deadline for all auction donations is July 1st.

We thank you in advance for your generous donations!!

***Tickets are not required for the auctions, but are required to attend the Awards Dinner. Tickets can be purchased when you register or by calling 334-395-4666.
THANK YOU TO OUR 2012 EXHIBITORS!

(as of 4.1.2012)

AVMA PLIT
BCF TECHNOLOGY
BIONICHE ANIMAL HEALTH
CHRISTIAN VETERINARY MISSIONS
E.I. MEDICAL
ELSEVIER
FERTILITY TECHNOLOGY RESOURCES
HITACHI ALOKA MEDICAL
IAMS VETERINARY FORMULAS
IMV TECHNOLOGIES USA
KARL STORZ VETERINARY ENDOSCOPY
LANE MANUFACTURING

MERCK ANIMAL HEALTH
NEOGEN
PFIZER ANIMAL HEALTH
PRN PHARMACAL
ROOD & RIDDLE EQUINE PHARMACY
ROYAL CANIN USA
SOCIETY FOR THERIOGENOLOGY
SPECTRUM TECHNOLOGIES
UNIVERSAL ULTRASOUND
VET IMAGING
VETEL DIAGNOSTICS

FUN NIGHT – SPIRIT CRUISES

With great food, great scenery and great friends this is sure to be a Fun Night to remember! Join us Wednesday, August 22nd, for a Spirit Cruises dinner cruise and enjoy great sites including the Domino Sugar Factory, Fort McHenry, Fells Point and the Key Bridge. Advance tickets are required. Tickets are $30 for adults, $15 for children (4-12) and no charge for children 3 and under.

HELPFUL BALTIMORE WEB SITES:

http://baltimore.org
www.baltimoretours.com
www.baltimorecityguide.net
http://baltimore.org/harborpass
http://www.baltimorecity.gov/visitors.aspx
Happy Hour Abstracts
Tuesday, August 21, 2012

Sherrie G. Clark, DVM, MS, PhD, DACT - Effects of a Depot Progestin on Spermatogenesis in postnatal pigs
Dirk Vanderwall, DVM, PhD, DACT - Effect of administration of oxytocin during diestrus on the duration of corpus luteum function and estrous behavior in cycling mares
Bruce Elits, DVM, MS, DACT - Effects of thawing time on membrane integrity and motility of frozen-thawed canine spermatozoa using commercial semen extenders
Alejandro Esteller-Vico, DVM, PhD - Effects of Estradiol on uterine blood perfusion in reproductively healthy mares and mares affected with uterine vascular elastosis
Igor F. Canisso, DVM, MSc, DACT - Insulin growth factor type 1 (IGF-1) presents elevating concentrations in the seminal plasma of peripubertal Gir Zebu Bulls
Erin E. Clark - A novel method to remove seminal plasma from canine semen prior to cryopreservation
C. Scott Bailey, DVM, MS, DACT - Comparison of vaginal flora in estrous dogs with those of spayed dogs and dogs with recurrent urinary tract infections
Sandra L. Ayres, DVM, MA, DACT - Three-day progesterone priming protocol for breeding goats during anestrus/transition

Dr. Jerry Rains Memorial Abstract Competition
Wednesday, August 22, 2012
Sponsored by Merck Animal Health

Derek G. Howell - Effects of Lactoferrin on stallion sperm survival and function in vitro
Jose A. Len, MVZ, MS, DACT - Sperm plasma membrane integrity during sperm extragonadal reserve depletion in stallions
Matthew Galati, BS - Induction of hyperactivation in stallion sperm using 4-Aminopyridine
Elizabeth A. Coffman, DVM - Effect of electroejaculation on behavioral and hormonal indicators of stress and nociception in beef bulls
Brandon S. Forshey - Effects of decreasing doses of follicle-stimulating hormone on multiple ovulations and embryo production in alpacas

Equine Abstracts
Thursday, August 23, 2012

Katheryn L. Cerny, MS - Presence of bacteria in the reproductive tract of healthy stallions and its relation to the fertility of mares
Young Ho Choi, DVM, PhD - Effect of antibiotic treatment of mares prior to transvaginal follicle aspiration on embryo development after in vitro
Igor F. Canisso, DVM, MS, DACT - Progestin treatment of preovulatory mares fails to delay ovulation and may impair fertility
Mette Christoffersen, DVM, PhD - Effect of immunomodulatory therapy on the endometrial inflammatory response to induced infectious endometritis in susceptible mares
Michelle Kutzler, DVM, PhD, DACT - Unilateral benign cystadenoma in a broodmare
Jennifer N. Hatzel, DVM, MS - Administration of cefiotior crystalline free acid (CCFA) to pony mares with placentitis

Production Animal Abstracts
Thursday, August 23, 2012

Lisa K. Pearson, DVM, MS - Pre-scrotal vasectomy in alpacas (Vicugna pacos) - Technique and complication rate
William S. Hansen, BS - Effects of a second freeze-thaw cycle on bighorn sheep (Ovis canadensis canadensis) - semen motility and membrane integrity
M. Daniel Givens, DVM, PhD, DACT, DACVM - A rare case of persistent testicular infection causes shedding of infectious virus in semen

Small Animal Abstracts
Thursday, August 23, 2012

Michelle Kutzler, DVM, PhD, DACT - Investigation of estrus induction failures following Ovuplant ® administration in dogs
Michelle Kutzler, DVM, PhD, DACT - Use of a canine GnRH vaccine for behavior modification in cats
Chelsea Makloksi, DVM, MS, DACT - Bacterial growth and semen viability in canine semen extenders inoculated with Brucella canis

Student Case Presentations
Wednesday, August 22, 2012
Sponsored by Pfizer Animal Health

Jared L. Voge - Abortion in a mare due to umbilical torsion
Amanda Durand - Diagnosis of congenital short penis with a filling defect in a bull
Lauren Mack - Breeding soundness examination and semen cryopreservation in a dog with unilateral Sertoli cell tumor and perineal mast cell tumor
Meghan Connor - Hydrops allantois and amnion in a Thoroughbred mare
Sam Garland - Equine Oviduct Dysfunction
Rebecca Durand - Successful nonsurgical management of uterine torsion in the mare

Important Conference Deadlines:
EARLY REGISTRATION DISCOUNT - JULY 1ST
HYATT REGENCY INNER HARBOR - ROOM RESERVATION CUT OFF JULY 23RD
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Committees

Exam - Drs. Mary Beth Stanton (past-chair), Bruce Hollett (secretary), Jack Smith, Sherrie Clark (chair), Leonardo F.C. Brito, Kara Kolster, Michelle LeBlanc
Scientific Information/Abstract - Drs. Michelle Kutzler (past-chair), Erica Gee (ad hoc), Sara Lyle (chair), Dietrich Volkmann, Ram Kasimanickam, Maria Soledad Ferrer
Nominating - Drs. Steven Brinsko (chair), Gary Althouse, Margo Macpherson, Ahmed Tibary
Awards Nominating (2012) - Drs. Claire Card (chair), Christopher Berezowski, Rodney Christmas, Hannah Galantino-Homer, Shawn Haas, Audrey Kellem, Mushtaq Memon

Annual Conference
Baltimore, MD ● Aug. 20 – 25, 2012

Special Events...

Monday - August 20
8:00 a.m. - 5:00 p.m. Writing Seminar

Tuesday - August 21
8:00 a.m. - 12:00 p.m. Writing Seminar continued
2:00 p.m. ACT Educator's Forum
Sponsored by: The Theriogenology Foundation
5:00 p.m. Happy Hour Abstracts
7:00 p.m. Happy Hour Abstracts Reception

Wednesday - August 22
8:00 a.m. Bartlett Address
9:00 a.m. Dr. Jerry Rains Memorial Competitive Abstracts - Sponsored by: Merck Animal Health
11:00 a.m. SFT Business Meeting 1:30 p.m. ACT Business Meeting
3:30 p.m. Student Case Presentations (Ticket required)
4:30 p.m. Exhibit Hall Open-Reception
6:30 p.m. Family Fun Night - Spirit Cruises (Ticket required)
Sponsored by: Merck Animal Health

Thursday - August 11
8:00 a.m. General Session 6:30 p.m. - 9:00 p.m. THERIO Awards Banquet & Theriogenology Foundation Silent & Live Auction (Ticket required for dinner)
Sponsored by: Boehringer Ingelheim Vetmedica, Merck Animal Health, Pfizer Animal Health

Friday - August 12
6:30 p.m. Baltimore Orioles Baseball game
(Ticket required—does not include food or beverage)
**All tickets can be purchased with conference registration online at www.therio.org or by calling 334-395-4666
Special Events

Writing Seminar – Dr. John Kastelic & Mrs. Rose Kastelic
ACT Educator’s Forum – **Sponsored by: The Theriogenology Foundation**
Happy Hour Abstracts
Happy Hour Abstract Reception
Bartlett Award & Address
Dr. Jerry Rains Memorial Competitive Abstracts – **Sponsored by: Merck Animal Health**
SFT Business Meeting
ACT Business Meeting
Student Case Presentations – **Sponsored by: Pfizer Animal Health**
Exhibit Hall Reception
Therio Fun Night – Spirit Dinner Cruise - **Sponsored by: Merck Animal Health**

Educational Tracks

**General Session**
Therio liability claims; All creatures great and small - Dr. Nina Mouledous, **Sponsored by AVMA PLIT**

Empathy, What's all the fuss? - Dr. Kathleen Bonvicini

**Small Animal**
Control of mammary gland function in the bitch and queen - Dr. Stefano Romagnoli

Understanding the breeder’s world and client communication – Dres. Will Schultz & Debra Sauberli

A review of mammary gland neoplasia in the bitch and queen - Dr. Don Schlafer

Pedigree analysis and inherited canine and feline reproductive diseases – Dres. Margret Casal & Vicki Meyers-Wallen

Eqnsoscopy intrauterine procedures in the bitch – Dr. Cheryl Lopate

Use of acupuncture and non-conventional Chinese therapies in reproduction - Dres. Beverly Purswell & Reed Holyoak

Spermatogonial stem cell based approaches for canine reproduction - Dr. Alexander Travis

**Viruses in canine and feline reproduction** - Dres. Bruce Hollet & Cynthia O'Connor

**Assisted reproductive technologies in canids** - Dr. Alexander Travis

**Mastitis, Metritis and SIPS** - Dres. Debra Sauberli & Manoel Tamassia

**Current and proposed research in canine and feline non-surgical sterilization** - Dr. Peggy Root Kustritz

**Clinical management of the high risk pregnancy and pre-term labor** - Dr. Cheryl Lopate

**Potential usage of lamellar bodies to assess canine fetal lung development** - Dr. Scott Dove

**Practical use of hormones in small animal reproduction** – Dres. Bruce Hollett & Stefano Romagnoli

**Clinical usage of GnRH agonists in small animal reproduction** – Dr. Stefano Romagnoli

**Inherited diseases of the reproductive tract in dogs and cats** - Dr. Vicki Meyers-Wallen

**Canine Autoimmune Orchitis** – Dr. Margret Casal

**Dry Lab - Dr. Donald Schlafer**

**Production Animal**

**Bull development (in utero to one year of age)** - Dr. John Kastelic

**Bull BSE and semen analysis for predicting bull fertility** - Dr. John Kastelic

**Testicular development and manipulation in pre-pubertal bulls** - Dr. Neal Schrick

**Reproductive alterations observed in bulls grazing endophyte-infected fescue** Dr. Neal Schrick

**Pain assessment in cattle** - Dr. Hans Coetzee

**Effects of treatment and prevention of pain on animal well being and production** - Dr. Hans Coetzee

**Bull bioscience – testing for pathogens that cause infertility of bulls** - Dr. Dan Givens

**Assessment of available vaccines for bovine reproduction pathogens** - Dr. Dan Givens

**New AI industry paradigms for sire management, semen quality evaluation and field fertility estimation** - Dr. Mel DeJarnette

**Benefits of the electronic/digital bull breeding soundness form** - Dr. John Myers

**Etiology and diagnosis of testicular diseases in the bull and use of regional anesthesia for repair** - Dr. Richard Hopper

**Abnormalities of the penis and prepuce of bulls** - Dr. Richard Hopper

**Equine**

**Towards understanding early embryonic loss in mares: an experimental approach** - Dr. Keith Betteridge

**Clinical use of color-doppler ultrasonography to evaluate preovulatory follicle status and predict ovulation and fertility in mares** - Dr. Eduardo Gastel

**What Theriogenologists should know about donkey reproduction** - Dr. Igor Canisso

**Endocrinopathic laminitis and equine metabolic syndrome** – Dr. Hannah Galantino-Homer

**Integration of advanced assisted reproduction into the equine practice** - Dr. Elaine Carnevale

**Incorporating non-antibiotic anti-infective agents into the treatment of equine endometritis** - Dr. Sara Lyle

**Equine Embryo Transfer** - Dr. David Hartman

**Techniques to enhance the use of suboptimal semen: a practitioners approach** - Dr. Brian Carroll