



American Embryo Transfer Association



CETA/ACTE®

2008 AETA & CETA/ACTE JOINT CONVENTION REGISTRATION BOOKLET



OCTOBER 16 – 18, 2008
THE WESTIN CROWN CENTER
KANSAS CITY, MISSOURI





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	Veterinary Concepts



**2008 AETA & CETA/ACTE ANNUAL MEETING
MEETING SCHEDULE**

<u>Wednesday, October 15</u>	<p>MEETING: CETA/ACTE Certification Committee</p> <p>MEETING: AETA Board of Directors</p> <p>MEETING: CETA/ACTE Board of Directors</p> <p>EXAM: CETA/ACTE Certification Exam</p>
<u>Thursday, October 16</u>	<p>SOCIAL: Golf Tournament at Shoal Creek SPONSORED BY: PARTNAR ANIMAL HEALTH, INC. & REPRODUCTION RESOURCES</p> <p>Cyber Café SPONSORED BY: INTERVET/SCHERING-PLOUGH ANIMAL HEALTH USA</p> <p>EXAM: AETA Certification Exam (for members seeking new certification)</p> <p>Registration</p> <p>Exhibitor Set-Up</p> <p>SEMINARS:</p> <ul style="list-style-type: none"> ❖ “ET 101: Basics of Embryo Transfer” presented by Drs. Bill Beal and Randall Hinshaw ❖ Emerging Technologies presented by Drs. Brad Lindsey and Charles Looney <p>SOCIAL: Preconference Social at Union Station SPONSORED BY: BIONICHE ANIMAL HEALTH USA, INC. & BIONICHE ANIMAL HEALTH CANADA, INC.</p>
<u>Friday, October 17</u>	<p>Exhibits Open</p> <p>Registration</p> <p>Cyber Café SPONSORED BY: INTERVET/SCHERING- PLOUGH ANIMAL HEALTH USA</p> <p>Continental Breakfast</p> <p>Introduction of Sponsors</p> <p>SESSION: “Controlling and Dominating: The Story of a Single Follicle and its Desire to Destroy a Perfectly Good Superstimulation” presented by Dr. Richard Pursley</p> <p>SESSION: “Donor Synchronization/Superovulation Programs Used in the Field” presented by Drs. Kirk Gray, Reuben Mapletoft, and Richard Pursley</p> <p>Break SPONSORED BY: REPRODUCTION RESOURCES</p> <p>Companion Tour: The Culinary Center of Kansas City (includes lunch)</p> <p>SESSION: “Pregnancy Rates of Transferred Embryos following the Addition of a Prostaglandin F2a receptor blocker to the Collection Media” presented by Dr. Mitch Hockett</p> <p>MEETING: AETA Annual Business Meeting</p> <p>MEETING: CETA/ACTE Annual General Meeting</p> <p>MEETING: CETA/ACTE New Board of Directors</p>

**2008 AETA & CETA/ACTE ANNUAL MEETING
MEETING SCHEDULE Cont'd.**

12:30 PM – 1:30 PM	Lunch SPONSORED BY: PFIZER ANIMAL HEALTH USA
1:30 PM – 2:15 PM	SESSION: <i>“Impact of Nutrition on Embryo Quality in Cattle”</i> presented by Dr. Jose E. Santos
2:15 PM – 3:00 PM	SESSION: <i>“Equine ET – Our Experiences Starting a Recipient Herd”</i> presented by Dr. Peter Sheerin
3:00 PM – 3:30 PM	Break SPONSORED BY: I.M.V. INTERNATIONAL CORPORATION
3:30 PM – 4:30 PM	SESSION: <i>“Long Term Care Insurance and the Veterinarian’s Estate”</i> presented by Dr. Christopher Allen
4:30 PM – 5:15 PM	MEETING: AETA & CETA/ACTE Joint Convention Committee Meeting
5:15 PM – 5:45 PM	MEETING: AETA New Board of Director’s Meeting
6:00 PM – 7:00 PM	Reception
7:00 PM – 9:00 PM	Awards Banquet & Entertainment AWARDS BANQUET SPEAKER SPONSORED BY: BIOGENICS, INC. AWARDS BANQUET SPONSORED BY: DUZAN INSURANCE AGENCY, EMBRYO ARMOR TECHNOLOGIES, ESTROTECT, OVITRA BIOTECHNOLOGY, INC., AND VETERINARY CONCEPTS
Saturday, October 18	
6:30 AM – 7:30 AM	AETA Past Presidents/Board of Directors’ Breakfast
7:00 AM – 3:30 PM	Exhibits Open
7:00 AM – 5:00 PM	Registration
7:00 AM – 5:00 PM	Cyber Café SPONSORED BY: INTERVET/SCHERING- PLOUGH ANIMAL HEALTH USA
7:00 AM – 8:00 AM	SESSION: AETA Certification Open Forum
7:00 AM – 8:00 AM	Continental Breakfast SPONSORED BY: PROFESSIONAL EMBRYO TRANSFER SUPPLY, INC.
7:45 AM – 8:00 AM	Announcements
8:00 AM – 8:15 AM	FORUM: FAA Liquid Nitrogen Shipping Regulations Update
8:15 AM – 9:00 AM	SESSION: <i>“Sex Semen a Reality”</i> presented by Juan Moreno
9:00 AM – 9:45 AM	SESSION: <i>“Experiences in IVF, flushing with sexed semen, and timed transfers”</i> presented by Drs. Jose Molina and Jon Schmidt
9:30 AM – 2:30 PM	Companion Tour: <i>The Best of Kansas City Tour</i> (Arabia Steamboat Museum & Webster House with lunch)
9:45 AM – 10:15 AM	Break SPONSORED BY: PROFESSIONAL EMBRYO TRANSFER SUPPLY, INC.
10:15 AM – 11:00 AM	SESSION: <i>“Cryobiology of Reproductive Cells and Tissues”</i> presented by Dr. John Critser
11:00 AM – 11:15 AM	SESSION: USDA & APHIS Updates presented by Dr. Sara Kaman
11:00 AM – 12:30 PM	SESSION: CETA/ACTE Information Session
11:15 AM – 11:30 AM	SESSION: Cooperator Committee & USLGE Updates
11:30 AM – 12:30 PM	EXAM: AETA exam (for members renewing certification)
12:30 PM – 1:30 PM	Lunch

1:30 PM – 2:15 PM	SESSION: “ <i>Applications of DNA Testing in Breeding Programs Utilizing Embryo Transfer</i> ” presented by Dr. Richard (Mark) Thallman
2:15 PM – 3:00 PM	SESSION: “ <i>Small Ruminant Embryo Transfer</i> ” presented by Dr. Gary Vannoy
3:00 PM – 3:30 PM	Break SPONSORED BY: MINITUBE OF AMERICA, INC.
3:30 PM – 4:15 PM	SESSION: “ <i>Embryo Observations and Comparisons</i> ” presented by Dr. Mike Kieler
4:15 PM – 5:00 PM	SESSION: Vet/PhD Open Forum

CONTINUING EDUCATION (CE) HOURS

AETA Members: This course has been submitted (but not yet approved) for 14.5 hours of continuing education credit in jurisdictions which recognize AAVSB R.A.C.E. approval; however participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call 217-398-2217 or E-mail: aeta@assochq.org for further information.



Cyber Café

Keep in touch with work, family and friends during the Convention at the Cyber Café. Located in the Century Foyer, the Cyber Café is available to all meeting attendees.

Sponsored by **Intervet/Schering-Plough Animal Health USA**

INFORMATION ABOUT KANSAS CITY, MISSOURI

About Us

An energetic city forged by a rich history, Kansas City is brimming with activities to keep you entertained—eclectic cuisine, swinging jazz, one-of-a-kind museums, a thriving arts scene and fantastic shopping. Part of the city’s charm lies in its impressive network of parks and boulevards and of course, exquisite fountains. The world-renowned jazz legacy continues today in clubs throughout the city. For barbecue lovers, the city’s signature food can be found at more than 100 barbecue establishments, but visitors also delight in restaurants of every ethnic origin. Pack your bags and discover something unique and unexpected in Kansas City.

Where We’re Located

Kansas City is the most centrally located major metropolitan area in the United States, making it accessible from nearly anywhere in the nation. Three major interstate highways intersect in Kansas City (I-29, I-35 and I-70) so the city is easily reachable by more than 55 million people in less than one day’s driving time. And if you’re flying, Kansas City is just a three-hour flight from either coast.

Getting Here

Kansas City International Airport (KCI) is located 18 miles northwest of downtown Kansas City, and just a three hour flight from either coast. KCI is served by 12 major commercial airlines and their connections partners. And if

you are traveling by ground transportation, three major interstate highways intersect in Kansas City (I-29, I-35 and I-70) making it less than one day's drive time.

Getting Around

Rental cars are available, as are limousine services, but they need to be scheduled in advance. Kansas City's public bus system, THE METRO operates at KCI Airport Monday – Friday, and serves all of the major metropolitan areas. Cabs are also available by using phones located inside and outside each baggage claim terminal.



Weather

Kansas City enjoys each of the four seasons. Spring brings mild temperatures, with the last frost generally occurring in early April. The summer season is characterized by warm days and mild nights. The fall season is normally mild with a period known as “Indian Summer,” characterized by mild, sunny days and cool nights.

What to Wear

Whether it is the warm and sunny days, or cool nights that Kansas City's Indian Summer brings, we recommend you dress in layers so you are prepared for anything. Please note that proper dress attire is required for all events

AROUND THE METRO

- ❖ A short drive *north* will take you to **Zona Rosa**, a shopping and entertainment district in a town setting. Visit the birthplace and the museum of world-famous outlaw, **Jesse James**. Tour the **Harley-Davidson Final Assembly Plant** or visit the area's charming communities, which include **Liberty, Excelsior Springs, Parkville** and **Weston**.
- ❖ For Truman history, head *east* to **Independence**, the town where the 33rd U.S. president called home. You'll also find Victorian mansions, a 1850s jail, and a vibrant historic square. Nearby is the **Truman Sports Complex**, home to the **Kansas City Chiefs, Royals, and Wizards** at the side-by-side **Arrowhead** and **Kauffman** stadiums.
- ❖ *South* of Downtown is the **Kansas City Zoo** and **Starlight Theatre** in Swope Park. Spend the day at one of the area's many lakes, including **Longview Lake Park**. Visit charming communities such as Brookside, take in some of the area's best shopping at centers such as **Oak Park Mall**, or catch a show at one of the top dinner theaters in the country, the **New Theatre Restaurant**.
- ❖ *West* of Downtown is **Village West**, a retail and entertainment area located next to the **Kansas Speedway**. Some of Kansas' most visited attractions are here including the **Great Wolf Lodge** and **Cabela's**. The Legends at Village West features many restaurants and shops that are new to the region.



For Additional information on Kansas City, visit: <http://www.visitkc.com>

HOTEL INFORMATION

Accommodations

The convention will be held at The Westin Crown Center, which is located in downtown Kansas City. The convention rates are as follows: \$149.00 for a single/double; \$159.00 for a triple; and \$169.00 for a quad. Reservations must be made prior to **September 15, 2008**. After this date, reservations will only be accepted upon availability. The convention rate will not apply for reservations after **September 15**. Please refer to the *American Embryo Transfer Association* when making reservations.

Westin Crown Center, Kansas City
1 East Pershing Road
Kansas City, MO 64108 USA
Phone (816) 474-4400



Convention Rate = \$149.00 Single/Double

Directions from the Airport

- ❖ Take Interstate 29 South to Highway 169 South. Continue on Highway 169 South across the Broadway Bridge over the Missouri River (Hwy 169 becomes Broadway, do not turn right). Follow Broadway 18 blocks to Pershing and turn left to the hotel.

Directions if Driving

- ❖ **From East:** Take I-70 West into the city. Exit onto Interstate 670 West (left exit) and proceed one mile. Exit on Broadway and turn left. Go 12 blocks to Pershing Road and turn left. The hotel is ahead 3 blocks on the right.
- ❖ **From West:** Take I-70 East to Interstate 670 East (left exit). Proceed on I-670 East to I-35 South. Take I-35 South to the 20th Street Exit which is the first exit (appears quickly). Take a left on 20th Street, right on Main and a left on Pershing.
- ❖ **From South:** Take I-35 North and exit on Broadway and turn right. Go 12 blocks to Pershing Road and turn right. Proceed 3 blocks and the hotel will be on the right just past Main Street.

PRE-CONFERENCE EVENTS

10th Annual AETA & CETA/ACTE Golf Tournament

Thursday, October 16, 2008

8:00a.m. – 12:00 p.m.
Shotgun Start: 8:00 a.m.

Sponsored by: **Partner Animal Health, Inc., and Reproduction Resources**



Shoal Creek Golf Course, which opened in the fall of 2001, has quickly become one of the most talked about daily fee golf facilities in the Kansas City area. This 6,950 yard par 71 golf property was sculpted by golf course architect Steve Wolfard, and offers a truly unique golfing experience for players of varying skill levels. This extraordinary design features breathtaking elevation changes and expansive landing areas that meander through some of the most picturesque terrain in the Northland."

Shoal Creek GC hosted the 2004 PGA Midwest Section Championship as a qualifying site for the CPC- Club Professional's Championship, and has been rated the number two public golf source by Golfweek's Americas Best in 2006, 2007 and 2008. Come out and play Shoal Creek to find a true test of golf and to experience nature at its best. The golf tournament fee includes green and cart fees, use of driving range, transportation, and lunch.

Dress Code: Players must wear proper attire on the golf course property. Acceptable attire consists of slacks or tailored golf shorts and golf shirts with collars for men. Slacks, skirts or proper golf shorts for the women. Unacceptable attire includes: blue jeans, halter, tank or tube tops, muscle shirts, numbered athletic shirts; tennis, short shorts, cut-offs, sweat shirts. Shoal Creek Golf Course is a soft spike facility, **NO** metal spikes permitted.

*****Bus Departs from Westin Crown Center Lobby at 6:30 a.m. SHARP*****

An Evening of Jazz & BBQ at Historic Union Station

Thursday, October 16, 2008

6:00 p.m. – 10:00 p.m.

Sponsored by **Bioniche Animal Health USA, Inc. and Bioniche Animal Health Canada, Inc.**

There simply is no other place in all of Kansas City quite like the Station. This fully restored landmark is Kansas City's most prominent destination for cultural and entertainment activities. Closed in the 1980s, the Station sat empty and neglected, escaping demolition on several occasions. In 1996, a historic bi-state initiative was passed to fund the Station's renovation, which was completed in 1999. The evening will include dinner, jazz music and a cash bar. This event is limited, so please send in your registration form early if you wish to attend. Business casual or cocktail attire is encouraged.



*Thanks to the very generous support of
Bioniche Animal Health USA, Inc. and Bioniche Animal Health Canada, Inc.
admission to this event has been significantly reduced!*

COMPANION TOURS

Friday, October 17, 2008

Hands-On Cooking Demonstration in Overland Park, Missouri

10:00 a.m. – 2:30 p.m.



Learn to cook like the “pros” from a professional chef! You will spend the morning at the Culinary Center of Kansas City (located in Overland Park) for a “hands-on” cooking demonstration on the preparation of Classic Sicilian Recipes by Jasper Mirabile, Jr., owner and executive chef of Jasper’s Italian Restaurant in Kansas City.

The Culinary Center has recently expanded its facilities which include floor-to-ceiling viewing windows that allow guests to watch live cooking classes and private events in its new “Santa Fe Teaching Kitchen”, customized hands-on work stations, and expanded retail shop complete with an interactive culinary research station and more! Deluxe motor coach transportation, professional tour guide, lunch, a glass of wine and interactive cooking class will be included. For more information, please visit <http://www.kcculinary.com/>

Saturday, October 18, 2008

The Best of Kansas City Tour

9:30 a.m. – 2:30 p.m.

The city is alive with beautiful old architecture mixed with the newly completed and continuing projects in downtown Kansas City. Guests will enjoy the sites of the city, learn a little history, and marvel at the hidden treasures revealed by your custom narrated tour. Your downtown driving tour will include the Federal Courthouse, expanded Convention Center, Kansas City Stars production facility, H & R Block World Headquarters, The Power and Light Entertainment District, downtown Library artwork, Sprint Arena and Lewis & Clark Point.



The first stop on today’s tour will be the **Arabia Steamboat Museum**, a truly unique experience. The Arabia sank just north of Kansas City in 1856 and settled under 40 feet of sand, silt and mud until excavated in 1988. Over 200 tons of the original cargo was recovered. This collection of pre-Civil War artifacts is the largest in the country and features china, perfume, jewelry, leather goods, hardware, textiles, preserved food products, a rare Indian bead collection and much more. A 15-minute video presentation tells the story of the “Great White Arabia” from her last voyage on the Missouri River to the presentation of her treasures in the Museum. For additional information, please visit <http://www.1856.com/>

Lunch becomes a special event when they are set in a unique and memorable atmosphere at the beautifully restored **Webster House**. Built over 100 years ago it served as a schoolhouse for many years, it is now a real masterpiece of rich surroundings of an exquisitely restored 19th century historic building. Guests will enjoy an outstanding lunch in a private room surrounded by gorgeous antiques available for purchase.

Deluxe motor coach transportation, tour guide, Arabia Steamboat tour, lunch at Webster House, and all applicable taxes and meal gratuities are included. For more information, please visit <http://www.websterhousekc.com/>



Dress Code: Please wear layers and comfortable walking shoes for your daily tours.

CONVENTION SPEAKERS

Christopher Allen, DVM, JD

Dr. Christopher Allen, native of New York, received his JD at Albany Law School in 1981 and his DVM in 1987. Since entering the industry in the late 1980s, Dr. Allen has owned several veterinary practices and currently owns Whitney Point Veterinary Hospital, PLLC. In addition to veterinary practice, Dr. Allen currently practices law at Associates in Veterinary Law, PC. You can regularly find Dr. Allen speaking for veterinary conferences and conventions, as well as writing featured monthly columns for *Veterinary Law*.

W. E. "Bill" Beal, DVM

Dr. W. E. "Bill" Beal began his career as an animal scientist at Michigan State University (BS, 1974). He completed graduate degrees at the University of Wyoming (MS, 1976) and Cornell University (PhD, 1979). Since joining the faculty at Virginia Tech 29 years ago, Dr. Beal has risen to the rank of professor in the Department of Animal and Poultry Sciences.

Dr. Beal's energy has been focused on teaching undergraduate students and conducting applied research in the reproductive physiology of beef cattle. He has received numerous teaching and advising awards at Virginia Tech, most notably the W. E. Wine Award for Excellence in Undergraduate Teaching and the University Award for Excellence in Career Advising. In 2003, Dr. Beal received the National Award for Outstanding Teaching from the American Society of Animal Science. In 2007, he was awarded the Sporn Award for Outstanding Teaching of Introductory Courses at Virginia Tech. Dr. Beal is currently the chair of the Virginia Tech Academy of Teaching Excellence.

Dr. Beal has been active in research aimed at improving the reproductive efficiency of beef cattle. During his career, he has authored or co-authored 4 chapters in books, 35 proceedings papers, and 37 refereed scientific articles and has presented 51 published abstracts. His expertise is in estrus synchronization, embryo transfer, and the use of ultrasound technology.

Dr. Beal and his wife Linda have two grown children and live in Blacksburg. They run a family-owned Angus cattle operation, Beal Cattle Enterprises. Dr. Beal is also in charge of the Virginia Tech Research Angus Herd at Virginia Tech's Kentland Farm.

John Critser, PhD

Dr. John Critser is Gilbreath-McLorn Professor of Comparative Medicine and director of the Comparative Medicine Center at the University of Missouri. Dr. Critser is actively involved in research on gamete preservation (both human and animal) and has published numerous articles in the field. He is also an active member of the Society for Cryobiology, the American Society for Reproductive Medicine, and the American Association of Tissue Banks.

Kirk R. Gray, DVM

Dr. Kirk Gray received his DVM from Kansas State University in 1982 and his MS in 1984. He began his work in the embryo transfer field in Texas in 1984. In 1991, he opened Cross Country Genetics North, located near Manhattan, Kansas. Today Cross Country Genetics North is a commercial embryo transfer unit that houses donors, supplies recipients, and performs general embryo transfer techniques under the management of Dr. Clay Breiner. Dr. Gray's business has been AETA certified since 1993. Dr. Gray and his wife Christine Frizell Gray, DVM, have one daughter and three sons.

Randall Hinshaw, DVM

Dr. Randall Hinshaw received his DVM from the University of Georgia in 1982 and has been in a bovine-exclusive practice in Harrisonburg, Virginia, since graduation. He is also co-owner of Ashby Herd Health Services Inc., which employs seven full-time and two part-time practitioners. Dr. Hinshaw started the embryo transfer practice in 1983 and currently does embryo transfer work exclusively at Ashby Embryos. Dr. Hinshaw's business has been AETA certified since 1991.

Mitch Hockett, DVM

Dr. Mitch Hockett received his BS in animal science at the University of Tennessee, and his MS and PhD in reproductive physiology at the University of Tennessee. He is presently an assistant professor at North Carolina State University, where he teaches reproductive physiology, anatomy, and physiology, and performs applied research in the areas of embryonic development, superovulation, and dairy production. Dr. Hockett is also a partner in Kingsmill Farm, a purebred dairy farm that markets Holstein genetics and embryos worldwide.

Mike Kieler, DVM

Dr. Mike Kieler grew up on a dairy farm in southern Wisconsin and graduated from the University of Minnesota College of Veterinary Medicine in 1980. Since 1980 he has worked at the River Valley Veterinary Clinic in Plain, Wisconsin, and in 1982 he became a partner and owner. Dr. Kieler's practice currently employs eight veterinarians and has been actively involved with embryo transfer work since 1981. He devotes 80% of his time to doing embryo transfer work and another 20% of his time to doing dairy herd health work. Dr. Kieler has been an AETA-certified member since 1991 and is also approved by the European Economic Community to export embryos.

Brad R. Lindsey, PhD

Dr. Brad Lindsey received his BS in agricultural economics (1982) and MAg in animal science (1984) from Texas A&M University. In 1984, he helped start the former Granada Corporation's Equine Services Division and Reproductive Laboratory. After five years, he transferred to Granada's Bovine Embryo Transfer Division. In 1991, Dr. Lindsey was involved in designing the first transvaginal ultrasound probe for Aloka Ultrasound for bovine oocyte recovery, allowing Granada to become the first company to commercialize *in vitro* production of bovine embryos. By 1992, Dr. Lindsey was hired by Trans Ova Genetics in Sioux Center, Iowa, to initiate and direct their *in vitro* fertilization services division.

In 1994, Dr. Lindsey decided to pursue his PhD under the direction of Dr. Jim Kinder at the University of Nebraska-Lincoln. His research focus was endocrine regulation of follicle-stimulating hormone release and ovarian follicular growth in beef cattle. In 1997, Dr. Lindsey traveled to the Tropical Beef Centre in Rockhampton, Queensland, Australia, where he continued with collaborative research projects under the direction of Dr. Michael D'Occhio.

Upon completion of his PhD in 1998, Dr. Lindsey was hired as general manager for Stroud Veterinary Embryo Services in Weatherford, Texas, under the direction of Dr. Brad Stroud. Then, in 2000, Dr. Lindsey accepted the position of senior scientist and technical director for AB Technology Inc. (now part of Bioniche Animal Health) in Pullman, Washington. By July 2002, Dr. Lindsey was hired by Minitube of America, Verona, Wisconsin, as director of Embryo Technology, where he led research and development efforts in bovine, equine, and porcine embryo transfer, *in vitro* fertilization, and other advanced reproductive technologies. In October 2004, Dr. Lindsey was contracted by Genetic Resources International, as director of Female Reproductive Services, to integrate the use of fresh and frozen sex-sorted sperm from Sexing Technologies into Genetic Resources International's embryo transfer and *in vitro* fertilization services.

In August 2005, Dr. Lindsey started his own business, Rex Consulting, which provides embryo transfer services and technical support to cattle producers, biotech companies, and embryo transfer firms, including OvaGenix, LP. He also started an oocyte supply business based in Hereford, Texas. Then, in January 2008, he consolidated these two businesses as Ovitra Biotechnology Inc. In addition to contract embryo transfer services for embryo transfer businesses, Ovitra Biotech provides oocytes and reproductive tissues, technical support, consulting services, specializing training, custom quality control, and research and development to the embryo transfer and *in vitro* fertilization industry.

Charles Looney, PhD

Dr. Charles Looney, native of southern Arkansas, received his BS and MS degrees from the University of Arkansas and his PhD in animal science-reproduction from Louisiana State University under the direction of Dr. Robert A. Godke. Entering the industry in 1980, Looney served Granada Biosciences for 10 years as senior scientist. While at Granada, he worked in Texas and California and was a member of the team that produced the first embryo-cloned cattle and recombinant bovine follicle-stimulating hormone/luteinizing hormone. After leaving Granada, he consulted with several groups for a year before taking a position with Trans Ova Genetics. Looney returned to Texas in 1996 to start Ultimate Genetics, and in 1999, he formed OvaGenix in Bryan, Texas, which is a certified embryo transfer company.

Reuben Mapletoft, DVM

Dr. Reuben Mapletoft received his DVM (1967) from the University of Guelph, and his MS (1975) and PhD (1977) degrees in endocrinology and reproductive physiology from the University of Wisconsin. He joined the Western College of Veterinary Medicine as director of Clinical Research in 1977. He became head of the Department of Herd Medicine and Theriogenology (now Large Animal Clinical Sciences) in 1998. In July 2002, Dr. Mapletoft took a one-year leave of absence to consult with Bioniche Animal Health, which has led to a 50% appointment with the University of Saskatchewan.

Dr. Mapletoft's research in reproductive biology and the application of assisted reproductive technologies in cattle spans more than 30 years. He is well known for his work in bovine embryo transfer, estrus synchronization, and superovulation. His embryo transfer protocols have become the *de facto* standard for clinical use worldwide, and he has been instrumental in developing the embryo transfer industry in Canada and around the world. He is past president of the International Embryo Transfer Society (IETS) and founding president of the Canadian Embryo Transfer Association (CETA),

and he was chair of the Import/Export Committee of the IETS for 10 years. He is currently a member of the Certification Committee of the CETA and several IETS committees.

Much of Dr. Mapletoft's recent work has involved the manipulation of ovarian follicular function for superovulation, estrus synchronization, and timed breeding in cattle. He has also used *in vitro* fertilization to evaluate oocyte competence, the effect of sperm morphology on fertilization and zygote development, and the development of this model to study male factor infertility in humans. He is also investigating the use of nonbiological additives for the culture and cryopreservation of spermatozoa, oocytes, and embryos.

Dr. Mapletoft is also very active in technology transfer; he has given more than 150 invited lectures in more than 30 countries and has trained graduate students from all over the world. He has contributed more than 300 papers to published conference proceedings, and has authored more than 130 refereed publications. He has conducted over three dozen embryo transfer workshops for more than 200 veterinary professionals from around the world.

Jose A. Molina, DVM

Dr. Jose Molina was born in Caracas, Venezuela, and attended the Central University of Venezuela in the Faculty of Veterinary Sciences, where he obtained his DVM degree in 1991. The same year he joined El Tunal, a dairy, beef, swine, poultry, and crop operation company in Lara, Venezuela, where he served as manager of the Veterinarian and Cattle Division for five years. In 1995, he completed a postgraduate course in Embryo Transfer and Advanced Biotechnology Techniques in Animal Reproduction in Havana City, Cuba.

He came to the United States in 1997 to work as a dairy management specialist at Ysselstein Dairy, in northwest Iowa, and then joined Trans Ova Genetics the same year. In 1998, he was employed full time as a technical services veterinarian, performing in-clinic and on-farm embryo collection and transfer. He has been co-author of several papers on transvaginal ultrasound-guided follicular aspiration and is currently the team leader in the bovine Ovum Pick Up program at Iowa Center. Dr. Molina is a member of the AETA, International Embryo Transfer Society (IETS), and American Association of Bovine Practitioners (AABP). Dr. Molina, his wife, and their son currently reside in Sioux Center, Iowa.

Juan F. Moreno

Juan F. Moreno is the co-CEO of XY Inc. and Sexing Technologies. He holds a BSc in dairy science from The Ohio State University and has completed graduate work at Texas A&M University. In 1997, he co-founded Genetic Resources International in Navasota, Texas. Genetic Resources International was a custom semen collection and embryo transfer facility that was later sold to Sexing Technologies in 2006. Today, Sexing Technologies is the sole owner of XY Inc. and is the largest producer of sex semen in the world. Sexing Technologies produces sex semen for Select Sires, ABS Global, Genex/CRI, Alta Genetics, Holland Genetics, Lagoa da Serra, and many private breeders. Sexing Technologies has specialized in the production of sex semen for artificial insemination, embryo transfer, and *in vitro* fertilization. In 2006, Sexing Technologies produced 2 million straws of sex semen for artificial insemination, more than 2,000 *in vivo* embryos with sex semen, and more than 4,000 *in vitro*-fertilized embryos.

Richard Pursley, DVM

Dr. Richard Pursley is currently a professor in the Department of Animal Science at Michigan State University. After completing a BS in dairy production from Kansas State University in 1974, Dr. Pursley spent 12 years as a dairy producer. In 1990, Dr. Pursley returned to Kansas State, where he received an MS in animal science under Dr. Jeff Stevenson. In 1996, Dr. Pursley received a PhD at the University of Wisconsin-Madison with Dr. Milo Wiltbank. He and Dr. Wiltbank developed Ovsynch, a novel ovulation synchronization strategy for dairy cows that allows for effective use of timed artificial insemination. His dissertation, "Synchronization of Ovulation in Lactating Dairy Cows," was awarded the National Milk Producers Federation Richard M. Hoyt Award at the 1996 National American Dairy Science Association meetings. Dr. Pursley joined the faculty at Michigan State University in 1996. His current extension and applied research programs are focused on improving dairy farm profitability by increasing reproductive efficiency. While on the faculty, Dr. Pursley has presented more than 250 talks on the reproductive management of dairy cattle. He has lectured or presented his research findings on 5 continents.

Jose Eduardo P. Santos, DVM

Dr. Jose Santos is currently associate professor for the Department of Animal Sciences, University of Florida—Gainesville. He received his DVM degree from São Paulo State University, Brazil. Over the last decade, Dr. Santos' interests have included private veterinary practice, research, dairy production, and ruminant nutrition. Most recently, he was awarded

the 2005 Young Scientist Award by the American Dairy Science Association and is consistently sought out by colleagues and industry professionals for his presentations and publications.

Jon Schmidt, DVM

Dr. Jon Schmidt was raised on a grain and livestock farm near the town of Ireton in northwest Iowa. He received his BS degree in animal science (2000) and his DVM degree (2004) from Iowa State University. Dr. Schmidt spent many of his summers during college with Trans Ova Genetics in Sioux Center, Iowa, assisting veterinarians and herdsman while also managing the 100-head commercial cowherd of Dr. David Faber, Trans Ova's president. Dr. Schmidt also spent a summer studying embryo sexing with polymerase chain reaction under Dr. Curt Youngs at Iowa State.

Upon graduation, Dr. Schmidt went to work for Trans Ova as a Technical Services veterinarian, performing in-clinic and on-farm embryo transfer work in Iowa and the surrounding states. He also helped with the initial development of the company's calving program for nuclear transfer pregnancies. Since September 2006, he has served as the director of Professional Services, where he supports the company's technical teams with recruitment, training, and communication. He continues to travel and provide on-farm embryo transfer services in several Midwestern states. Dr. Schmidt is a member of the AETA (certified), International Embryo Transfer Society (IETS), American Association of Bovine Practitioners (AABP), Iowa Veterinary Medical Association (VMA), and local Kiwanis chapter. Dr. Schmidt, his wife, and their son currently reside in Sioux Center.

Peter Sheerin, DVM

Dr. Pete Sheerin graduated from the University of Florida College of Veterinary Medicine in 1994. Before entering veterinary school, he conducted graduate research in equine reproductive physiology. After graduation, Dr. Sheerin and his family moved to north Florida, where he was an associate at a mixed animal practice. In 1996, he and his family moved to Pennsylvania to join Dr. John Hurtgen in an equine reproduction practice that also maintained an embryo transfer recipient herd. The desire to gain more knowledge in the field of reproduction led the Sheerins to move back to Florida, where Dr. Sheerin completed a residency in theriogenology (animal reproduction), becoming board certified in 2001. Upon completion of the residency, the family traveled back to Pennsylvania until the fall of 2002, when Dr. Sheerin joined Rood and Riddle Equine Hospital as the second theriogenologist in the Theriogenology Center. Dr. Sheerin's interests include both mare and stallion reproduction. In addition to a routine broodmare farm practice, Dr. Sheerin is involved in semen collection and evaluation, semen freezing, evaluation of stallions, and embryo transfer.

Richard (Mark) Thallman, PhD

Dr. Richard Thallman obtained his BS (animal science), MS (animal breeding), and PhD (genetics) degrees from Texas A&M University. From 1983 to 1989, he worked for Granada Land and Cattle in various capacities, including as director of research and development for the last three years. While at Granada, Dr. Thallman was involved in the breeding and collection of performance data on more than 10,000 calves produced by embryo transfer and approximately 200 of the first calves ever produced by nuclear transfer, all produced by the sister company, Granada Genetics. Dr. Thallman was integrally involved in documenting the "large calf syndrome" associated with nuclear transfer calves. In 1996, Dr. Thallman moved to the US Meat Animal Research Center (USMARC), where he is a research geneticist and leads the USMARC Germplasm Evaluation Project. His work at USMARC focuses on beef cattle breeding, statistical genetics, and the application of DNA testing to the genetic improvement of beef cattle. Dr. Thallman is actively involved with the Beef Improvement Federation and the National Beef Cattle Evaluation Consortium.

Gary Vannoy, DVM

Dr. Gary Vannoy graduated from the Texas A&M University School of Veterinary Medicine in 1973. Since graduation, Dr. Vannoy has spent 34 years in private mixed practice in Ozona, Texas, and another 22 years in sheep and goat embryo transfer.

**2008 AETA & CETA/ACTE JOINT CONVENTION
October 16 – 18, 2008 ♦ Kansas City, MO
Registration Form**

Participant _____
Company _____
Street _____
City _____
Country _____
Telephone _____

Companion _____
Preferred Name on Badge _____
E-mail _____
Province/State _____
Postal/Zip Code _____
Fax _____

REGISTRATION / EVENT – ALL PRICES IN U.S. DOLLARS	Before Aug. 15	After Aug. 15	Qty	TOTAL
AETA & CETA MEMBER REGISTRATION <i>(Includes: Fri. and Sat. scientific sessions, breakfast & lunch, and one banquet ticket)</i> <i>Awards Banquet Menu Selection (choose one)</i> _____ Prime Beef Tenderloin _____ Roasted Supreme Chicken Breast _____ Pan Seared King Salmon _____ Vegetarian Pasta	<input type="checkbox"/> \$400	<input type="checkbox"/> \$475		\$
AETA & CETA NON-MEMBER REGISTRATION <i>(Includes: Fri. and Sat. scientific sessions, breakfast & lunch, and one banquet ticket)</i> <i>Awards Banquet Menu Selection (choose one)</i> _____ Prime Beef Tenderloin _____ Roasted Supreme Chicken Breast _____ Pan Seared King Salmon _____ Vegetarian Pasta	<input type="checkbox"/> \$500	<input type="checkbox"/> \$575		\$
TECHNICIAN REGISTRATION (individuals employed as a technician & working with a veterinarian) <i>(Includes: Fri. and Sat. scientific sessions, breakfast & lunch, and one banquet ticket)</i> <i>Awards Banquet Menu Selection (choose one)</i> _____ Prime Beef Tenderloin _____ Roasted Supreme Chicken Breast _____ Pan Seared King Salmon _____ Vegetarian Pasta	<input type="checkbox"/> \$350	<input type="checkbox"/> \$425		\$
STUDENT REGISTRATION (must be registered in school full-time) <i>(Includes: one seminar, Fri. and Sat. scientific sessions, and breakfast & lunch)</i> **NOTE: does not include banquet tickets <i>Please indicate seminar choice:</i> _____ ET 101 (Beal, Hinshaw) _____ Emerging Technologies (Looney, Lindsay)	<input type="checkbox"/> \$65	<input type="checkbox"/> \$65		\$
COMPANION REGISTRATION (non-practitioner companions attending but not scientific sessions) <i>(Includes: breakfast buffet coupon at Brasserie's restaurant at the Westin Hotel on Fri. & Sat., one banquet ticket)</i> <i>Awards Banquet Menu Selection (choose one)</i> _____ Prime Beef Tenderloin _____ Roasted Supreme Chicken Breast _____ Pan Seared King Salmon _____ Vegetarian Pasta	<input type="checkbox"/> \$125	<input type="checkbox"/> \$200		\$

Participant _____

Companion _____

ADDITIONAL ACTIVITIES – ALL PRICES IN U.S. DOLLARS REGISTRATION IS REQUIRED	Before Aug. 15	After Aug. 15	Qty	TOTAL
PRE-CONVENTION SEMINAR: October 16 (seminar not included in registration fee – space is limited) 2:00 p.m. – 5:00 p.m. <i>Please indicate one choice:</i> _____ <i>ET 101 (Beal, Hinshaw)</i> _____ <i>Emerging Technologies (Looney, Lindsay)</i>	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75		\$
GOLF TOURNAMENT: October 16 Shoal Creek Golf Course - 6:30 a.m. – 12:00 p.m. <i>(Includes: golf, range balls, food, motor coach transportation, fun & prizes)</i>	(FULL)	(FULL)		
PRE-CONFERENCE SOCIAL: October 16 An Evening of Jazz & BBQ at Historic Union Station – 6:00 p.m. – 10:00 p.m. <i>*Event limited to registered attendees and one companion</i> Name(s) _____	<input type="checkbox"/> \$25	<input type="checkbox"/> \$25		\$
COMPANION TOURS (each tour includes transportation, admission & lunch) <input type="checkbox"/> Friday, October 17~ 10 a.m. – 2:30 p.m. - The Culinary Center of Kansas City <input type="checkbox"/> Saturday, October 18 ~ 9:30 a.m. – 2:30 p.m.– Webster House & Steamboat Arabia	<input type="checkbox"/> \$95 <input type="checkbox"/> \$85	<input type="checkbox"/> \$95 <input type="checkbox"/> \$85		\$
LUNCH TICKETS (for those not covered by registration fees) <input type="checkbox"/> Friday, October 17 <input type="checkbox"/> Saturday, October 18	<input type="checkbox"/> \$35 <input type="checkbox"/> \$35	<input type="checkbox"/> \$35 <input type="checkbox"/> \$35		\$
AWARDS BANQUET TICKETS (for those not covered by registration fees) <i>Menu Selection (choose one)</i> _____ <i>Prime Beef Tenderloin</i> _____ <i>Roasted Supreme Chicken Breast</i> _____ <i>Pan Seared King Salmon</i> _____ <i>Vegetarian Pasta</i>	(FULL)	(FULL)		
PAYMENT METHOD <input type="checkbox"/> Amex <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa <input type="checkbox"/> Check Card Number _____ Expiration _____ Signature _____ <p style="text-align: center;">Return form with payment to: American Embryo Transfer Association (AETA) 1111 North Dunlap Ave, Savoy, IL, USA 61874 Phone (217) 398-2217 • Fax (217) 398-4119 E-mail aeta@assochq.org</p>	TOTAL PAYMENT ENCLOSED (USD)			\$

CANCELLATION POLICY: To be eligible for a refund of meeting registration fees, requests must be received in writing before the following dates:

- On or before September 15, 2008 - 90% Refund
- After September 15, 2008 – **NO REFUND**

The cancellation dates apply only to the meeting registration fees. Ticketed events may be cancelled due to minimum attendance requirements. Refunds will be issued for **CANCELLED** ticketed events only. There will be **NO REFUNDS** for non-cancelled events. All approved refunds will be issued after the meeting, in the form in which payment was received.

PLEASE NOTE: Please be sure to pre-register for non-program ticketed events; they will not be available for purchase onsite.



American Embryo Transfer Association





**10th Annual AETA & CETA/ACTE
Golf Tournament**
Oct. 16, 2008 ~ Shoal Creek Golf Course



**Sponsored By:
Partner Animal Health & Reproduction Resources**



Event schedule:	6:00—6:15 a.m.	Gather in Westin Crown Center Lobby
	6:30 a.m. <i>SHARP</i>	Bus departs for Shoal Creek
	7:00 a.m.	Breakfast Buffet
	8:00 a.m.	Shotgun start
	Noon	Lunch & Awards
	12:30—1:00 p.m.	Bus departs to Westin Crown Center
Format:	4 Person Scramble	
Cost :	\$90 includes Golf, Range balls, food, fun & prizes	

Club Rental: Please contact the golf course directly at (816) 407-7242 to reserve clubs.

Dress Code: Players must wear proper attire on the golf course. Acceptable attire consists of slacks or tailored golf shorts and shirts with collars for men. Slacks, skirts or proper golf shorts for women. Unacceptable attire includes: jeans, halters, tank or tube tops, muscle shirts, numbered athletic shirts; tennis, multi-colored or short shorts, cut-offs, sweat shirts, and rugged pants. Shoal Creek Golf Course is a soft spike facility, NO metal spikes permitted.

Participant Names	Handicap or 18-Hole Avg. Score

**If you are participating in the golf tournament, please complete
and return this form by September 15, 2008.**

For questions, please contact AETA Headquarters at (217) 398-2217 or via email at aeta@assochoq.org

Name/Company: _____

Street: _____ City: _____

Province/State: _____ Postal Code/Zip: _____

Daytime Telephone: _____ Fax: _____

Email: _____