



**2010 AETA & CETA/ACTE
JOINT CONVENTION
REGISTRATION BOOKLET**



**OCTOBER 21 – 23, 2010
EMBASSY SUITES GOLF RESORT HOTEL & SPA
CHARLOTTE - CONCORD, NORTH CAROLINA**





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(As of June 29, 2010)

AETA & CETA/ACTE Joint Convention Tentative Meeting Schedule

WEDNESDAY, OCTOBER 20

8:00 AM – 11:00 AM	MEETING: CETA/ACTE Certification Committee Meeting
7:30 AM – 4:30 PM	MEETING: AETA Board of Directors Meeting
11:00 AM – 6:00 PM	MEETING: CETA/ACTE Board of Directors Meeting
1:00 PM – 5:00 PM	EXAM: CETA/ACTE Certification Exam <i>(for initial certification)</i>

THURSDAY, OCTOBER 21

6:30 AM – 1:00 PM **SOCIAL:** Golf Tournament *at Rocky River Golf Course*

Sponsored by: Partner Animal Health & Reproduction Resources

9:00 AM – 12:00 PM **EXAM :** AETA Certification Exam *(for initial certification)*

12:00 PM – 5:00 PM Exhibit Set-up

12:00 PM – 5:00 PM **REGISTRATION**

12:00 PM – 5:00 PM Poster Sessions - Facilitator: Dr. Brad Lindsey

SMALL RUMINANT TICKETED EVENT SEMINAR & WETLAB:

Comprehensive course including superovulation and synchronization, surgical collection and transfer of goat embryos, hands on collection techniques, embryology lab, and introduction to cryopreservation of embryos. Includes lecture, wet lab, lunch, and transportation.

Individual registration is required by July 31 (max 20 participants).

10:30 AM – 12:00 PM Lecture

1:00 PM – 5:00 PM Wet Lab *at Broadway Farm*

2:00 PM – 5:00 PM **SEMINAR:** ET 201 – Advanced Ultrasound Technique
Presented by: Dr. Brad Stroud and Dr. Bill Beal

Sponsored by Pfizer Animal Health

6:00 PM – 10:00 PM **SOCIAL:** Hendrick Motorsports Complex and Race Shop

FRIDAY, OCTOBER 22

7:00 AM – 5:00 PM **REGISTRATION**

7:00 AM – 7:00 PM Exhibits Open

7:00 AM – 8:00 AM Breakfast

7:00 AM – 7:00 PM Poster Sessions
Facilitator: Dr. Brad Lindsey

9:00 AM - 3:00 PM **COMPANION TOUR:** Charlotte Sampler Tour

8:00 AM – 8:45 AM **SESSION:** Account Collections
Presented by: John Donaldson

8:45 AM – 9:40 AM **SESSION:** Regional IVF Labs
Presented by: Juan Moreno

FRIDAY, OCTOBER 22 *continued...*

9:40 AM – 10:00 AM

Break

Sponsored by Veterinary Concepts

10:00 AM – 11:00 AM

SESSION: OPU

Presented by: Dr. Peter Bols

11:00 AM – 12:30 PM

MEETING: AETA Business Meeting

11:00 AM – 12:30 PM

MEETING: CETA/ACTE Annual General Meeting

12:30 PM - 1:30 PM

Lunch

Sponsored by Professional Embryo Transfer Supply, Inc. (PETS)

1:30 PM – 2:15 PM

SESSION: Recipient Synchrony

Presented by: Dr. Charles Looney

2:15 PM – 3:00 PM

SESSION: Recipient Management

Moderator: Dr. Bill Beal

3:00 PM – 3:20 PM

Break -

Sponsored by ICPbio

3:20 PM – 5:00 PM

SESSION: Recipient Management *continued...*

Moderator: Dr. Bill Beal

Presenters: Dr. Twig Marston, Dr. Jon Schmidt, Dr. Jonathan Lamb

6:00 PM – 7:00 PM

SOCIAL: Cocktail Reception

7:00 PM – 10:00 PM

SOCIAL: Banquet

Sponsored by Bioniche Animal Health USA

SATURDAY, OCTOBER 23

6:30 AM – 7:30 AM

AETA Past Presidents Breakfast

7:00 AM – 5:00 PM

REGISTRATION

7:00 AM – 3:30 PM

Exhibits Open

7:00 AM – 8:00 AM

Breakfast

7:00 AM – 3:30 PM

Poster Sessions

Facilitator: Dr. Brad Lindsey

9:00 AM – 3:00 PM

COMPANION TOUR: Fine Wine & Fabulous Conversation

8:00 AM – 9:40 AM

SESSION: Practitioners Forum

Moderator: Dr. Reuben Mapletoft

9:40 AM – 10:00 AM

Break

Sponsored by Minitube of America

SATURDAY, OCTOBER 23 CONTINUED.....

10:00 AM – 10:45 AM	SESSION: IVF Stimulation/No Stimulation Presented by: Dr. Peter Bols
10:45 AM – 12:15 PM	CETA/ACTE SESSION: Information Session
10:45 AM – 11:15 AM	AETA SESSION: APHIS Update
11:15 AM – 12:15 PM	AETA SESSION: AETA Certification Meeting
12:15 PM - 1:15 PM	Lunch
1:15 PM – 2:45 PM	SESSION: Freezing/Vitrification of Human IVF Embryos Presented by: Dr. Steven Mullen, PhD
2:45 PM – 3:15 PM	SESSION: Human Resource Management, Hiring and Firing Presented by: Dr. Richard Whitaker
3:15 PM – 3:30 PM	Break
Sponsored by Minitube of America	
3:30 PM – 4:15 PM	SESSION: Insurance – AVMA, PLIT, Duzan Agency Presented by: TBA
4:15 PM – 5:00 PM	AETA SESSION: AETA Certification Forum Moderator: Dr. Sam Edwards

Continuing Education

CETA/ACTE Delegates:

There will be 15 hours of continuing education for the 2010 AETA & CETA/ACTE Joint Convention (*pending RACE approval*).

For CETA/ACTE Certification purposes: There will be 10 CE credits for the 2010 AETA & CETA/ACTE Joint Convention.



Information about Concord, North Carolina

About Us

Cabarrus County is one of the hottest visitor destinations in the United States. Located a few minutes' drive from Charlotte Douglas International Airport, Cabarrus County is undergoing unprecedented growth in hotels, attractions, and amenities. Only minutes from downtown Charlotte's cultural attractions, shopping, professional sports and sizzling nightlife, Cabarrus County is half-way between the Outer Banks to the east and the Blue Ridge Parkway and Smoky Mountains to the west.

Proximity to so many of North Carolina's attractions makes Cabarrus County the perfect jumping off point to tour the state ranked sixth nationally in visitor activity. Tee off at the championship golf courses, tour North Carolina's celebrated vineyards, explore authentic southern plantations, kayak intercoastal waterways, and explore the outdoors at the new U.S. National Whitewater Center, all within minutes of Cabarrus County.

Home to legendary Charlotte Motor Speedway and ZMAX Dragway, our area draws a half million visitors each year for major NASCAR and NHRA events and boasts the world's largest concentration of motorsports attractions. All year round, visitors flock to the area to get behind the scenes of the fastest growing sport in the United States. They tour race team shops and motorsports museums, enjoy race-themed amusement rides, dine in automotive-themed restaurants and travel in NASCAR icon Dale Earnhardt's footsteps on The Dale Trail. This energized backdrop, the area's moderate climate, accessible location and strong support for visitors attracts a growing number of sporting event organizers and their groups who return annually.

Where We're Located

Situated an easy half-hour drive north of Charlotte, Cabarrus County is accessible by Interstates 85 and 77. Interstate 40 lies just a half hour to the north.

Getting Around

Auto/Motorcoach

Cabarrus County is conveniently located on Interstate 85 and close to Interstate 77. Both take travelers to New England, Florida and the Great Lakes. Interstate 40, one of the nation's great East-West corridors, is just 20 miles north.

Bus

Concord Kannapolis Area Transit provides bus service in around Cabarrus County, as well as connectors to the Charlotte Area Transit System (CATS). Routes include stops at popular venues such as Cannon Village, Concord Mills, and Charlotte Motor Speedway.

Air

Cabarrus County is less than a half-hour's drive from the Charlotte-Douglas International Airport. Charlotte is just a two-hour flight from New York, Boston, and Chicago.

Weather

Charlotte-Concord enjoys each of the four seasons. Spring brings mild temperatures, with an annual average snowfall of only seven inches. 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. Whether it is the warm and sunny days, or cool nights that Charlotte-Concord'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.

Hotel Information

Accommodations



The convention will be held at Embassy Suites Golf Resort Hotel and Spa, which is located within two miles of the Charlotte Motor Speedway. The convention rate is \$159.00 for a single through quad

occupancy. Reservations must be made prior to **September 20, 2010**. After this date, reservations will only be accepted upon availability. The convention rate will not apply for reservations after **September 20**.

Please refer to the *AETA & CETA Joint Annual Convention* when making reservations.

Embassy Suites Golf Resort Hotel and Spa

5400 John Q Hammons Dr NW
Concord, NC 28027 USA
Phone (704) 455-8200

Pre-Conference Ticketed Events

12th Annual AETA & CETA/ACTE Golf Tournament

Thursday, October 21, 2010
Rocky River Golf Club at Concord
8:00 a.m. – 1:00 p.m.
Shotgun Start: 8:00 a.m.



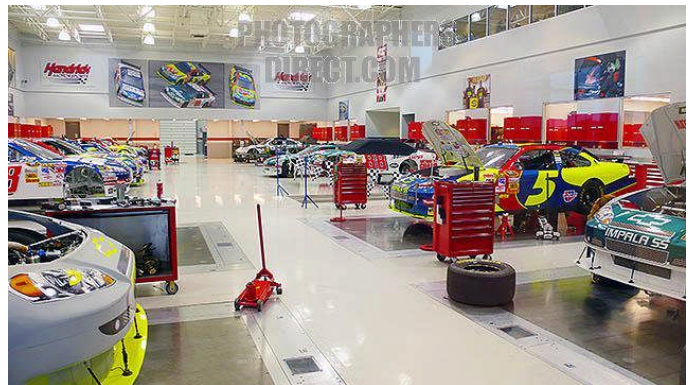
Designed by Dan Maples, nationally known for creating some of the Carolina's top courses, Rocky River Golf Club is the premier public course in the Charlotte metropolitan area. Rocky River Golf Club is currently rated in the Top 100 Golf Courses in North Carolina. The course features 18 sensational holes carved out of beautiful rolling hills and natural wetlands. The course's impeccable manicured tees, greens and fairways will add to the overall memorable experience. 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. Rocky River Golf Club is a soft spike facility, NO metal spikes permitted.

Pre-Conference Social

Thursday, October 21, 2010
Hendrick Motorsports Complex and Race Shop
6:00 p.m. – 10:00 p.m.

In 26 years of competition, Hendrick Motorsports has garnered nine NASCAR Sprint Cup Series championships, three NASCAR Camping World Truck Series titles and one NASCAR Nationwide Series crown (formerly Busch Series), making it one of stock-car racing's premier organizations. Rick Hendrick is just the second team owner in NASCAR's modern era to earn more than 185 Cup Series victories. All Hendrick race cars are



constructed start-to-finish at the 100-plus acre complex, and more than 550 engines are built or re-built on-site each year, with the team leasing some of those to other NASCAR outfits. The first to implement professional pit crews, Hendrick employs on-site fitness trainers and operates a fully equipped gym to assure that personnel are in shape and ready for race day.

Your motorsports guide will escort your group to Hendrick Motorsports for an evening of fun! We will enjoy a tour of the Hendrick's race shop complex. After the tour the group will enjoy a delicious dinner in the Team Center. A cash bar is available of domestic beer and house red and white wines throughout the evening. A delicious dinner with all the fixins' will be served buffet style for the group to enjoy and mingle. This event is limited, so please send in your registration form early if you wish to attend. Business casual or cocktail attire is encouraged.

Small Ruminant Seminar & Wet Lab

Thursday, October 21, 2010

Broadaway Farm

Lecture 10:30 a.m. – 12:00 p.m.

Wet Lab 1:00 p.m. – 5:00 p.m.

There will be a comprehensive small ruminant embryo transfer course offered in conjunction with the AETA & CETA/ACTE 2010 Joint Annual Convention Course. Topics will include items such as superovulation and synchronization, surgical collection and transfer of goat embryos, hands on collection techniques, embryology lab, and introduction to cryopreservation of embryos. Registration is limited before July 31 on a first come, first serve basis to a maximum of 20 participants.

Companion Tours

Friday, October 22, 2010

Charlotte Sampler Tour

Charlotte – Concord, NC

9:00 a.m. – 3:00 p.m.

We begin our day with a visit to Charlotte Motor Speedway. See the Sprint Cup garage, infield hospital, and scoring tower. Don't forget your camera as we take pictures in Winner's Circle after our victory lap around the 1.5-mile oval. You'll love to see all the efforts it takes to put on large events!

Next we are off to Sam Bass Gallery to enjoy a delicious brunch! You'll enjoy a fantastic spread of various fresh fruits, assorted muffins and pastries, warm casseroles and, of course, mimosas! The behind the scenes tour offers a peek into Sam's artistic talent, intimate knowledge of NASCAR, and his other passion – music! You'll love browsing the gallery! It's an art history lesson – NASCAR-style!

We'll spend the afternoon at Northlake Mall, a beautiful upscale shopping mall located in the Lake Norman area. With stores like Ann Taylor, Coach, and Nine West, you are certain to find just what you are looking for. Lunch is on your own. Choose from several full service restaurants or the food



court. Includes step-on guide service, behind-the-scenes tour of Speedway, brunch and guided tour of Gallery, and deluxe motor coach transportation.

Saturday, October 23, 2010

Fine Wine and Fabulous Conversation

Richard Childress Winery

9:00 a.m. – 3:30 p.m.



We'll begin at Richard Childress Winery where we will tour this 35,000 square-foot facility, which is inspired by the Italian Renaissance architecture of rural Tuscany. The winery's opulent interiors and state-of-the-art wine production center is designed to be a highly interactive experience. On your tour you'll get to see, hear, smell and experience the winemaking process. After a delicious lunch in the Bistro, we will enjoy a private wine tasting. You will love experiencing the award-winning tastes and feelings of Childress Winery! Includes step-on guide service, admission to the Winery, lunch, guided tour, wine tasting and deluxe motor coach transportation.

Convention Speakers

W. E. "Bill" Beal, DVM

Dr. W. E. "Bill" Beal began his career as an animal scientist at Michigan State University (B.S., 1974). He completed graduate degrees at the University of Wyoming (M.S., 1976) and Cornell University (Ph.D. 1979). After joining the faculty at Virginia Tech 31 years ago, Dr. Beal earned the rank of Professor in the Department of Animal and Poultry Sciences. Bill retired from Virginia Tech in June of this year.

Dr. Beal's energy has been focused on teaching undergraduate students and conducting applied research in 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 Bill 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 past-Chair of the Virginia Tech Academy of Teaching Excellence.

Dr. Beal has been active in research aimed at improving the reproductive efficiency of beef of cattle. During his career he has authored or co-authored 4 chapters in books, 35 proceedings papers, 60 refereed scientific articles and presented 52 published abstracts. His expertise is in estrus synchronization, embryo transfer and the use of ultrasound technology.

Bill and his wife Linda have two grown children and live in Blacksburg. They run a family-owned Angus cattle operation, Beal Cattle Enterprises.

Peter E.J. Bols, DVM, PhD, Dipl ECAR

Peter E.J. Bols was born in Belgium in 1964. He graduated as a Bachelor of Veterinary Medicine at the University of Antwerp (Belgium) in 1986, after which he completed his DVM training at the University of Ghent (Belgium) where he graduated as a Doctor of Veterinary Medicine (DVM) in 1989. After having served in the army, he returned to the University of Ghent where he worked as assistant in the Ambulatory Clinic within the Department of Obstetrics, Reproduction and Herd Health, teaching last year veterinary students for about 7 years. In the mean time, he started his PhD research program, in 1993, on the implementation of ultrasound-guided transvaginal oocyte retrieval techniques, with Prof. Dr. A. de Kruif as a supervisor. In the years to follow, he developed and tested a new disposable needle guidance system for bovine OPU and he investigated alternative follicular stimulation protocols using rBST, in close collaboration with the IVF laboratory of Dr. Ann Van Soom. In 1997, he received his PhD degree (greatest distinction) with the thesis entitled 'Transvaginal Ovum Pick-Up in the Cow: Technical and Biological Modifications'. Soon thereafter, he joined the research group of Prof. Dr. Jerry Yang as a post-doc at the Animal Science Department, University of Connecticut, Storrs, USA. For about one and a half years, he conducted research on (transvaginal) oocyte pick-up in prepuberal heifers and biological factors that determine oocyte quality. While in the USA, he gave lectures on OPU and oocyte quality at the Colorado State University (USA) and the National University of Seoul (Korea), and organized an OPU workshop hosted by the University of Connecticut.

Waiting for an opportunity to return to the academic, he started to work in veterinary pharmaceutical industry in the Netherlands, France and Belgium and at the Ministry of Social Affairs and Public Health in Brussels (B), where he was internal expert on veterinary pharmaceuticals and Belgian delegate for the Efficacy Working party of the European Medicines Evaluation Agency in London, UK. In the mean time, Dr. Bols kept in close contact with the assisted reproduction group in Ghent and was invited several times to lecture during OPU workshops in Brazil (1999, Belén, and 2000, São Paulo). In Brussels, he met his former Veterinary Physiology professor, Prof. Dr. A. Houvenaghel, who informed him that a position would be vacant at the University of Antwerp. He completed the circle with his full appointment as a Professor of Veterinary Physiology at the University of Antwerp in 2001, got tenured in 2004, and still currently teaches domestic animal physiology to 1st and 2nd year veterinary students, patho-physiology to 3rd year veterinary students and veterinary medicines to 4th year pharmacy students. In the same year, he was accepted as a Diplomate of the European College of Animal Reproduction (ECAR). Apart from teaching, Dr. Bols conducts research in the (bovine) assisted reproduction field with a particular interest in oocyte retrieval and biological factors that influence oocyte quality. He regularly teaches, co-organizes and gives lectures at international workshops on assisted reproduction (Campinas, Brazil, 2006, 2007) and has been an invited speaker at several occasions (SBTE 2005, AETE 2007, COST-EU 2009). He was appointed Department Head of the Department of Veterinary Sciences at the University of Antwerp in 2004. Prof. Dr. Bols was the winner of the award of the Royal Belgian Academy of Medicine, subgroup Veterinary Medicine, with a dissertation on 'Puncture of Immature Follicles in Bovine Assisted Reproduction' (2005). He has (co-)authored 54 full papers in peer reviewed international journals, over 75 abstracts in international congress proceedings and has written two book chapters on bovine OPU in reproduction reference books. He is ad-hoc reviewer for 8 international peer reviewed journals and Editorial Board member of *Reproduction in Domestic Animals*. Prof. Bols currently supervises several Master and 4 PhD students and regularly hosts foreign researchers in his laboratory. Peter Bols works in Antwerp and lives together with his wife, son and daughter in Lochristi, close to Ghent, Belgium.

Brad R. Lindsey, PhD

Dr. Brad Lindsey received his BS in agricultural economics (1982) and MAgr 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 2010, 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.

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.

Jon Schmidt, DVM

Dr. Jon Schmidt was raised on a grain, feedlot, and swine farm near the town of Ireton in Northwest Iowa. He received his BS in Animals Science (2000) and DVM (2004) degrees from Iowa State University. Dr. Schmidt spent many of his summers during college with Trans Ova Genetics in Sioux Center, IA assisting veterinarians and herdsmen while also managing the commercial cowherd of Dr. David Faber, Trans Ova's president. Jon also spent a summer studying embryo sexing with PCR 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 has performed embryo transfer work in 11 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 ET services in several Midwestern states. Jon is a member of the AETA (certified), IETS, AABP, IVMA, and the local Kiwanis chapter. Dr. Schmidt, his wife, and their son currently reside in Sioux Center.

Brad Stroud, DVM

Dr. Stroud received a DVM degree from Texas A&M in 1979 followed by an internship at The Ohio State University in large animal ambulatory. Brad established Stroud Veterinary Embryo Services, Inc in his hometown of Weatherford, Texas in the fall of 1980.

Notable achievements include producing the first modified gamete intrafallopian transfer (GIFT) calves in 1988, followed by first commercially produced IVF calves in North America in 1991. He has been instrumental in pioneering the use of ultrasound in bovine reproduction. He has served as president of both the AETA and the IETS.