

*AMERICAN EMBRYO TRANSFER ASSOCIATION
CANADIAN EMBRYO TRANSFER ASSOCIATION*

REGISTRATION PACKET



**2005 AETA & CETA/ACTE
JOINT CONVENTION**



*SEPTEMBER 8–10, 2005
MARRIOTT CITY CENTER, MINNEAPOLIS*

SCHEDULE OF EVENTS

Wednesday, September 7, 2005

8:00 am – 10:30 am	CETA Certification Committee Meeting
9:00 am – 6:00 pm	AETA Board of Directors' Meeting
11:00 am – 6:00 pm	CETA Board of Directors' Meeting
1:30 pm – 5:00 pm	AETA Certification Exam
1:30 pm – 5:00 pm	CETA/ACTE Certification Exam

Thursday, September 8, 2005

7:00 am – 2:00 pm	Golf Tournament—"Rush Creek Golf Club"
7:00 am – 2:00 pm	Fishing Tournament (info. TBA)
1:00 pm – 5:00 pm	Registration
12:00 pm – 5:00 pm	Exhibit Set-up
3:00 pm – 5:00 pm	Bovine ET101 Seminar (<i>not wet lab</i>)
3:00 pm – 5:00 pm	Equine ET101 Seminar (<i>not wet lab</i>)

Friday, September 9, 2005

6:45 am – 7:45 am	Continental Breakfast in Exhibit Area
6:45 am – 7:00 pm	Exhibits Open
6:45 am – 5:00 pm	Registration
9:00 am – 4:00 pm	Companion Tour—Stillwater Shopping and Cooking Demonstration
7:45 am – 11:00 am	Scientific Presentations
10:30 am – 11:00 am	Coffee Break in Exhibit Area
11:00 am – 12:00 pm	AETA Annual Business Meeting
11:00 am – 12:00 pm	CETA/ACTE Annual General Meeting
12:00 pm – 1:30 pm	CETA/ACTE New Board of Directors' Meeting
12:00 pm – 1:30 pm	Lunch
1:30 pm – 5:00 pm	Scientific Presentations
3:30 pm – 4:00 pm	Coffee Break in Exhibit Area
6:00 pm – 8:00 pm	Social "Hour" in Exhibit Area
8:00 pm	Banquet

Saturday, September 10, 2005

6:45 am – 8:00 am	AETA Past Presidents/Board of Directors' Breakfast
7:00 am – 4:00 pm	Registration
7:00 am – 3:00 pm	Exhibits
7:00 am – 8:00 am	Continental Breakfast in Exhibit Area
10:00 am – 1:30 pm	Companion Tour—Walker Art Museum
8:00 am – 12:30 pm	Scientific Presentations
10:00 am – 10:30 am	Coffee Break in Exhibit Area
12:30 pm – 2:00 pm	Lunch
12:30 pm – 2:00 pm	2006 Joint Convention Planning Committee
2:00 pm – 3:00 pm	Scientific Presentations
3:00 pm – 3:30 pm	Coffee Break in Exhibit Area
3:30 pm – 5:30 pm	Exhibit Teardown
3:30 pm – 5:30 pm	Practitioners' Forum

2005 CONVENTION COMMITTEE

AETA

Convention Chair: Pat Richards, DVM
Exhibit Chair: David Duxbury, DVM

CETA/ACTE

Convention & Exhibit Chair:
Ron Herron, DVM

AETA BOARD OF DIRECTORS

President: Dr. Thomas L. Rea, Berthoud, Colorado
Vice President: Dr. Pat Richards, Bliss, Idaho
Secretary-Treasurer: Dr. Ron Kling, Grantsville, Maryland
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Dr. David Duxbury, Amery, Wisconsin
Dr. Steve Hughes, Lenexa, Kansas
Dr. Cheryl F. Nelson, Versailles, Kentucky
Dr. Richard Whitaker, Turner, Maine

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CETA/ACTE BOARD OF DIRECTORS

President: Dr. Richard Remillard, Delta, British Columbia
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Dr. Louis Picard, Ste-Foy, Quebec
Dr. Alain Moreau, CFIA representative, Ottawa, Ontario
Mr. Rick McRonald, CLGA representative, Guelph, Ontario

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GENERAL INFORMATION

Convention Registration

Please see the attached registration form.

- Early registration deadline is Monday, August 8.
- Student registration is for individuals enrolled in school full-time.
- Refunds—Early registration fee will be refunded if notification is received prior to August 17.
- There is a \$50 fee for the pre-conference seminars being held on Thursday, September 8, please indicate on the registration form the number of individuals who will be attending each session. There will be a limited number of participants for the seminars (first come—first served).

Continuing Education Hours

There will be a total of 15 hours of continuing education (2 for the pre-conference seminar & 13 for the main meeting) for the 2005 AETA & CETA/ACTE Joint Convention. This course has been approved for 14.5 hours of continuing education credit in jurisdictions which recognize AAVSB's RACE 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 AETA at 217-398-2217 for more information.

Accommodations

The 2005 AETA & CETA/ACTE Joint Convention will be held at the Marriott City Center, Minneapolis, Minnesota. Rooms are being held at a group rate of \$119 per night for single/double occupancy. Reservations must be made prior to August 8, 2005. After this date, reservations will only be accepted upon availability and at the current rack rate. The convention rate will not apply for reservations after August 8. Please give the hotel the AETA/CETA group name when making a reservation.

*****RESERVE YOUR ROOM NOW*****

Marriott Minneapolis City Center
30 South 7th Street
Minneapolis, MN 55402
Tel: 800-228-9290 or 612-349-4000

Reservations can also be made thru the AETA website at www.aeta.org/05mtg.asp

PRE-CONFERENCE EVENTS

Thursday, September 8

Golf Tournament Tee time: 7:30 am

6:45 am – 1:30 pm

Sponsored by Schering Animal Health Products-makers of ESTRUMATE®

DESCRIPTION

Rush Creek Golf Club, a public course containing the golf amenities of a world-class resort course, stretches across 260 acres of rolling prairie and natural marshes. Located in Maple Grove, just 20 minutes west of downtown Minneapolis, Rush Creek Golf Club features an 18-hole championship course strategically designed to offer new and challenging experiences, an advanced-design teaching center, a full-service golf shop, a clubhouse, and service and hospitality generally reserved for members-only clubs. This 18-hole championship golf course has hosted many national events including 3 LPGA events. In addition, Rush Creek was voted "Best Public Golf Course" in 2001 and 2002 by Citysearch.com. Come out and play Rush 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.

Fishing Tournament

7:00 am – 2:00 pm

Sponsored by Pfizer

DESCRIPTION

Information TBA

Evening at Nicollet Island Pavilion Pre-Conference Social

6:00 pm – 9:30 pm



Sponsored by **Bioniche Animal Health USA and Bioniche Animal Health Canada**

DESCRIPTION

Nicollet Island Pavilion is a beautiful building situated on an island in the Mississippi River. This unique park facility offers one of the best views of downtown Minneapolis, the historic Horseshoe Falls and the Stone Arch Bridge. The evening will include dinner and music by the Paul Cherba Jazz Quartet.

There will also be a cash bar. Transportation will be provided from the conference site to the Pavilion; however, the scenic walk (approx. 1 mile) is highly recommended (directions will be provided onsite).

There will not be a charge for this evening, thanks to the very generous sponsorship of Bioniche Animal Health USA and Bioniche Animal Health Canada. This evening is limited to registered members and a companion. Children may attend if space is available. Registered exhibit representatives may attend if space permits. This event is limited to the capacity of the facility, so please send in your registration form early if you wish to attend.

COMPANION TOURS

Friday, September 9, 2005

Cooking Demonstration & Shopping in Stillwater, Minnesota

9:00 am – 4:00 pm



A trip to Stillwater is a trip to Minnesota's yesteryear. Located on the sparkling blue St. Croix River, Stillwater lays claim to being Minnesota's oldest town, and it was the birthplace of the Minnesota Territory in 1849. Stillwater is steeped in history and beautiful natural surroundings. It's close enough to the Twin Cities to be practical, yet far enough away to feel like country living.

Our tour guide will provide a riding tour of this enchanting old rivertown and take us behind the scenes of history. Anecdotes and incidents from bygone years will illuminate the lives of immigrants and entrepreneurs as we view mansions built by wealthy lumber barons, beautiful old churches on the "Street of Spires," landmarks on the National Register of Historic Places, and the beautiful St. Croix River.

Lunch will be a rare treat. A trained chef and two kitchen assistants will teach and guide us in the fun atmosphere of a fully equipped kitchen. Located in the Grand Garage in historic downtown Stillwater, Minnesota, *The Chef's Gallery* is a complete source for all of your culinary desires. This class culminates with a meal together.

Because of space limitations (30 at one time), while one-half of our group enjoys cooking, the other half will enjoy the variety and quality shopping on Stillwater's historic streets. Boutiques, specialty shops, antiques, and art galleries offer abundance for the discriminating shopper. On your strolling, and shopping experience, discover original works of art, jewelry, pottery, eclectic gifts/crafts, books, gourmet utensils, clothing, home furnishings, and wine.

At the end of the day it, will be no surprise why Stillwater is one of Minnesota's easiest towns to fall in love with! Includes: Deluxe motorcoach transportation, metroConnections tour guide, riding tour of Stillwater, The Chef's Gallery Cooking School and lunch, time to explore Stillwater on your own, and all applicable taxes and meal gratuities.

Saturday, September 10, 2005

Walker Art Center

10:00 am – 1:30 pm



Minneapolis is second only to New York in fine arts facilities per capita and today we'll see just a few examples.

We'll visit the Walker Art Center and Minneapolis Sculpture Garden. The Walker Art Center is a place where everything comes together—where paint meets pixels and anime meets matinee. With a suite of new galleries, a refurbished cinema, two restaurants by Wolfgang Puck, a new shop and library, a state-of-the-art theater, and much more, it's the place where art meets life. A highly acclaimed resource for

contemporary art, the Walker Art Center conducts an extensive program of exhibitions, music, dance, film theatre, and education facilities. Its permanent collection features works by American and international artists. Adjacent to the Walker is the Minneapolis Sculpture Garden. This mixture of art and garden design is the largest urban sculpture garden in the nation and features one of the country's finest collections of sculpture by American and international artists. The Minneapolis Sculpture Garden is highlighted by a giant spoon and cherry fountain by Claes Oldenburg and Coosje van Bruggen.

Other spectacular sights of the Garden include Frank Gehry's Standing Glass Fish located in the Palm Room of the Cowles Conservatory. This room features permanent and seasonal horticultural displays including exotic orchids, palms, and other fragrant and beautiful species. The northern boundary of the Sculpture Garden features the Alene Grossman Memorial Arbor. Along the entire 300-foot length of the vine-covered stainless steel arbor are colorful plantings of perennial and annual flowers.

Over 40 works are set among several tree-lined courtyards and highlighted by a giant spoon and cherry fountain. We'll tour the garden with a docent to hear the stories of the creation of the garden and interpretations of the sculpture.

While at the Walker Art Center, we'll enjoy lunch at the new Gallery 8 Café, featuring the cuisine of Wolfgang Puck.

Includes: Deluxe motorcoach transportation, tour guide, Sculpture Garden tour, Walker Art Center tour, lunch at Gallery 8, and all applicable taxes and meal gratuities.

PROGRAM

Thursday, September 8, 2005

- 7:00 am – 2:00 pm Golf Tournament—"Rush Creek Golf Club"
- 7:00 am – 2:00 pm Fishing Tournament (info. TBA)
- 1:00 pm – 5:00 pm Registration
- 12:00 pm – 5:00 pm Exhibit Set-up
- 3:00 pm – 5:00 pm Bovine ET101 Seminar
Dr. Reuben Mapletoft, University of Saskatchewan, Saskatoon, SK, Canada
Dr. John Hasler, Bioniche, LaPorte, CO
- 3:00 pm – 5:00 pm Equine ET101 Seminar
Structure, Management, and Techniques used in a commercial Equine Embryo
Transfer center
Dr. Phil Matthews, Peterson and Smith Equine Hospital, Ocala, FL
What to Expect when Superovulating Mares with eFSH: Equine Embryo
Vitrification
Dr. Ed Squires, Colorado State University, Ft. Collins, CO

Friday, September 9, 2005

- 6:45 am – 7:45 am Continental Breakfast in Exhibit Area
- 6:45 am – 7:00 pm Exhibits Open
- 6:45 am – 5:00 pm Registration
- 9:00 am – 4:00 pm Companion Tour—Stillwater Shopping and Cooking Class
- 7:45 am – 8:00 am Welcome and Introductory Comments
- 8:00 am – 8:30 am USDA/APHIS Update
Dr. Sarah Kaman, National Center for Import and Export, Riverdale, MD
- 8:30 am – 9:30 am Efficiency of Programs that Control Follicular Development and Ovulation for
the Donor Superovulation Without Estrus Detection
Dr. Gabriel Bo, IRAC, Cordoba, Argentina
- 9:30 am – 10:30 am Management Considerations for Donor Cows
Dr. Cliff Lamb, University of Minnesota, Grand Rapids, MN
- 10:30 am – 11:00 am Coffee Break in Exhibit Area
- 11:00 am – 12:00 pm AETA Annual Business Meeting
- 11:00 am – 12:00 pm CETA/ACTE Annual General Meeting
- 12:00 pm – 1:30 pm CETA/ACTE New Board of Directors' Meeting
- 12:00 pm – 1:30 pm Lunch
- 1:30 pm – 2:30 pm BVD Impact on Pregnancy and Control in ET Herds
Dr. Vic Cortese, Pfizer, Downingtown, PA
- 2:30 pm – 3:30 pm Conventional Freezing Update
Dr. John Hasler, Bioniche, LaPorte, CO

- 3:30 pm – 4:00 pm Coffee Break in Exhibit Area
- 4:00 pm – 5:00 pm Management of the Post-partum Mare
Dr. Phil Matthews, Peterson and Smith Equine Hospital, Ocala, FL
- 6:00 pm – 8:00 pm Social "Hour" in Exhibit Area
- 8:00 pm Banquet; MC will be Dr. Dan Hornickle, Sunshine Genetics, Whitewater, WI

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- 6:45 am – 8:00 am AETA Past Presidents/Board of Directors' Breakfast
- 7:00 am – 4:00 pm Registration
- 7:00 am – 3:00 pm Exhibits
- 7:00 am – 8:00 am Continental Breakfast in Exhibit Area
- 10:00 am – 1:30 pm Companion Tour—Walker Art Museum
- 8:00 am – 9:00 am Application of Fixed-Time AI and Embryo Transfer Programs in Beef Cattle Operations
Dr. Gabriel Bo, IRAC, Cordoba, Argentina
- 9:00 am – 10:00 am *Leptospira borgpetersenii* serovars hardjo-bovis—Impacts to Reproduction in Cattle Operations
Dr. Vic Cortese, Pfizer, Downington, PA
- 10:00 am – 10:30 am Coffee Break in Exhibit Area
- 10:30 am – 11:30 am AETA Certification Session
- 11:30 am – 12:30 pm Embryonic Loss
Juan Romano, University of Minnesota, St. Paul, MN
- 12:30 pm – 2:00 pm Lunch
- 12:30 pm – 2:00 pm 2006 Joint Convention Planning Committee
- 2:00 pm – 3:00 pm Factors Affecting IVF Pregnancy Rates in Recipients
Dr. Cliff Lamb, University of Minnesota, Grand Rapids, MN
- 3:00 pm – 3:30 pm Coffee Break in Exhibit Area
- 3:30 pm – 5:30 pm Practitioners' Forum—Moderator: Dr. Reuben Mapletoft, University of Saskatchewan, Saskatoon, SK, Canada
Panel: Dr. Gabriel Bo, IRAC, Cordoba, Argentina; Dr. Cliff Lamb, University of Minnesota, Grand Rapids, MN; Dr. Vic Cortese, Pfizer, Downington, PA; and Dr. Walter Johnson, OVC, Guelph, ON, Canada

THE CONVENTION SPEAKERS

Gabriel Bo

IRAC

Dr. Gabriel Bó, D.V.M., M.V.Sc., Ph.D. is currently Director of Research of the Instituto de Reproducción Animal Córdoba (IRAC). Dr. Bó was born in Argentina in 1962 and received his veterinary degree from the Facultad de Ciencias Veterinarias, Universidad Nacional de Rosario in 1985. After three years in practice, he obtained a Rotary Foundation Scholarship and went to Canada to study embryo transfer technology, where he received his M.V.Sc. (1991) and Ph.D. (1995) degrees in the Department of Herd Medicine and Theriogenology, Western College of Veterinary Medicine, University of Saskatchewan, under the supervision of Drs. R. Mapletoft, R. A. Pierson, and G. P. Adams. After his graduation, Dr. Bó returned to Argentina to join IRAC and UCC. At IRAC, Dr. Bó is working on applied research, and his main interests are follicular development, superovulation, recipient management, estrus synchronization, and embryo development and freezing. He is not only involved with research and teaching, as IRAC is a client-focused research and service institute (through the company Biogen SRL), but he practices embryo transfer.

Victor S. Cortese

Pfizer Animal Health

Dr. Cortese graduated from Michigan State University with his Bachelors and Doctorate. He received his Doctorate in Veterinary Medicine in 1980. He then entered a predominantly dairy practice in Wisconsin, where he also held a non-tenured adjunct professor position with the University of Wisconsin–Madison, College of Veterinary Medicine. In 1989, he joined Diamond Scientific in their technical services department, where he was promoted to Director of Veterinary Operations. In June 1990, he moved to SmithKline Beech Animal Health (now Pfizer Animal Health) as Senior Technical Services Veterinarian, with his main emphasis on dairy and its allied sectors. He currently holds the title Associate Director Technical Services–Cattle Immunology. His responsibility is 75% North American and 25% international. He has many publications on viral infections, immunology, and young dairy calf management and several textbook chapters. Dr. Cortese guest lectures at many veterinary and university meetings, including the American Association of Bovine Practitioners/World Buiatrics Congress and the AVMA. He received his diplomat status to American Board of Veterinary Practitioners (Dairy Practice Specialty) in 1995. In September 1997, at the American Association of Bovine Practitioners' Conference in Montreal, he received the AABP's Award for Excellence. In 1999, he successfully completed his Ph.D. in Microbiology from the Western College of Veterinary Medicine, University of Saskatchewan.

John Hasler

Bioniche

John F. Hasler received a Ph.D. in reproductive physiology in 1974 from the University of Illinois. He then joined the Embryo Transfer Laboratory at Colorado State University. In 1979, he and a partner started Em Tran, Inc. in Elizabethtown, Pennsylvania. During his 22 years at Em Tran, Dr. Hasler was involved with more than 9,000 different donor cows, and Em Tran was among the first organizations to establish a market for frozen embryos in a number of foreign countries and was a leader in introducing splitting, in vitro fertilization, and embryo sexing technologies to the embryo transfer industry. In 1992, Dr. Hasler was awarded “The Embryo Transfer Person of the Year” award by Schering-Plough Corporation. Dr. Hasler was a founding member of the American Embryo Transfer Association and served as the first Secretary-Treasurer of the organization. He has also served two terms as Secretary-Treasurer of the International Embryo Transfer Society. Dr. Hasler has maintained active research collaborations with scientists at several universities. Having sold his interest in Em Tran, Inc. in 2000, Dr. Hasler now lives near Fort Collins, Colorado and serves as a technical advisor for Bioniche Animal Health USA.

Cliff Lamb

University of Minnesota

Dr. Lamb is currently an associate professor and beef cow/calf specialist at the University of Minnesota. He earned his B.S. degree in Animal Science at Middle Tennessee State University and his M.S. and Ph.D. degrees from Kansas State University in Reproductive Physiology. In 1998, Dr. Lamb moved to Minnesota to become an assistant professor at the University of Minnesota. His primary research efforts focus on applied reproductive physiology in beef and dairy cattle, emphasizing synchronization of estrus in replacement heifers and postpartum suckled cows. Recently, Dr. Lamb has spent much of his time developing fixed-time artificial insemination and embryo transfer protocols with the use of the CIDR, GnRH, and PGF. In addition to research and extension, Dr. Lamb coordinates the NCROC Reproductive Biotechnology Center, an assisted reproductive technology center that provides research and commercial services to the cattle industry in the area of embryo transfer, IVF, and ultrasound technology.

Reuben Mapletoft

University of Saskatchewan

Dr. Mapletoft is a graduate of the Ontario Veterinary College in Guelph, Ontario, Canada. He received his M.S. and Ph.D. degrees from the University of Wisconsin in the Endocrinology, the reproductive physiology program. Dr. Mapletoft has been active in research in reproductive biology and the application of reproductive technologies in cattle for 25 years. He is a Past-President of the International Embryo Transfer Society (IETS) and Founding President of the Canadian Embryo Transfer Association (CETA); he was Chairman of the Import/Export Committee of the IETS for 10 years, and he is currently a member of the Certification Committee of CETA and several IETS committees. He is Past Chair of the Male Evaluation Committee of the Society for Theriogenology. Much of Dr. Mapletoft's recent work has revolved around the manipulation of ovarian follicular wave dynamics for superovulation, estrus synchronization, and timed breeding. He also has an active research program utilizing in vitro fertilization technology to evaluate oocyte competence and the effect of sperm morphology on fertilization and zygote development. His team is also researching the use of non-biological additives in the culture of oocytes and embryos and the cryopreservation of sperm, oocytes, and embryos. Dr. Mapletoft is very active in Continuing Veterinary Education and technology transfer; he has lectured in more than 25 countries around the world and is a regular speaker in the AABP embryo transfer seminars. Dr. Mapletoft is a full professor in the Department of Large Animal Clinical Sciences, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, SK, Canada. In 2003, the University of Saskatchewan honored Dr. Mapletoft with its Distinguished Researcher Award.

Phil Matthews

Peterson and Smith Equine Hospital

Dr. Phil Matthews graduated from Colorado State University with a D.V.M. degree in 1981. He joined Peterson & Smith as an associate in 1981 and became a partner in 1984. He has been a member of AAEP and AVMA since 1981 and a member of the Society for Theriogenology since 1990. Dr. Matthews has served on the AAEP reproduction committee for 3 years, has chaired this same committee for an additional 3 years, has served on the political liaison committee of AAEP for 3 years, and has served as a member of the AAEP Board of Directors for 3 years. He has been involved as a panel member in various AAEP presentations on many different aspects of reproduction. Dr. Matthews has conducted various presentations on theriogenology and reproductive techniques at different seminars. His current practice involves all aspects of equine medicine with a focus on reproduction, and he is currently the Director of the Peterson & Smith Equine Reproduction Center.

Juan Romano

University of Minnesota

At present, Dr. Romano is Associate Professor of Theriogenology in the Department of Veterinary Population Medicine at the University of Minnesota. His research interest includes large and small ruminant reproduction with special interest in assisted reproductive technologies. Dr. Romano received his DVM from the University of Uruguay in 1985, the M.S. in Theriogenology from the University of Minnesota and, the Ph.D. from Texas A&M University. Dr. Romano has a Residency Certificate in Food Animal Theriogenology from Texas A&M University. From 1986 to 1987, Dr. Romano spent time in the Laboratoire pour le Contrôle des Reproducteurs (Paris-France), working in bulls and embryo transfer in ruminants. In 1991, he spent six months in the National Livestock Breeding Center in Fukushima (Japan) working in in vitro production of cattle embryos.

Ed Squires

Colorado State University

Dr. Squires is a professor in the Department of Biomedical Sciences at Colorado State University. He received his B.S. degree in Animal Science (1969) and M.S. degree in Reproductive Physiology (1971) from West Virginia University. He acquired his Ph.D. degree in Endocrinology/Reproductive Physiology from the University of Wisconsin in 1974 under the direction of Dr. O. J. Ginther. Dr. Squires taught at the University of New Hampshire for 2 years before coming to Colorado State University in 1976. In 1984, Dr. Squires was awarded the Young Scientist Award from the American Society of Animal Science, and he was recipient of the Colorado State University Faculty Alumni Award in 1985. He served as President of the Equine Nutrition and Physiology Society (ENPS) from 1985 to 1987. In 1989, he received the Distinguished Service in Equine Science Award from ENPS, and in 1991 he was chosen by Colorado State University for the Oliver P. Pennock Distinguished Service Award. In 1993 and 1994, he received the Jack E. Cermak Outstanding Advisor Award for Graduate School from Colorado State, and in 1997 he was the recipient of the Fellows Award from ENPS. In 1999, Dr. Squires was presented with the Animal Physiology and Endocrinology Award from the American Society of Animal Sciences, was named the Sigma Xi Honored Researcher at Colorado State University, and was elected an honorary diplomate in the College of Theriogenology. Dr. Squires is supervisor of the Equine Reproduction Laboratory. His involvement includes teaching undergraduates, graduates, and veterinary students. His service activities include 13 annual continuing education programs at Colorado State for veterinarians and breeders and numerous speaking engagements, both nationally and internationally. He has spoken numerous times at the AAEP Convention and the Society for Theriogenology meeting. His clinical duties include reproductive evaluation of mares and stallions, commercial embryo transfer, and freezing stallion semen. Dr. Squires was a pioneer in developing the techniques of embryo transfer. Subsequently, techniques were developed for storage of equine embryos for 24 hr at 5EC. This technology is now used to ship hundreds of embryos nationally each year. Other areas of research include reproductive endocrinology of the non-pregnant and pregnant mare, hormonal regulation of the estrous cycle, and preservation of stallion semen. His most recent research has centered on development of assisted reproductive techniques such as oocyte collection and transfer, oocyte maturation, in vitro fertilization, embryo freezing, superovulation and sexed semen. Dr. Squires's research efforts have resulted in 226 refereed publications, 238 non-refereed publications, 27 chapters in books, 12 books, and 115 popular articles. He has lectured extensively nationally and internationally to veterinary and scientific groups and horse breeders.