Ruminant Ultrasound Workshop

Saturday, August 29, 2015

Presented by the
College of Veterinary Medicine & Biomedical Sciences
Texas A&M University
This ultrasound lecture and workshop day aims to introduce veterinarians to the different uses of ultrasound in practice for reproductive and non-reproductive purposes. The physics of ultrasound, ways to maximize the use of ultrasound in practice by using it for more than reproductive purposes, and ultrasound of the reproductive tract will be covered. Participants will have the opportunity to rotate through all three workshops covering bovine reproduction, small ruminant reproduction and the bovine thorax and abdomen. Several different ultrasound machines will be available for participants to use provided by Boland Vet Services.
Speakers

Philippa Gibbons
Clinical Assistant Professor

Philippa graduated from the University of Reading, UK in 2005 with a Bachelors of Science in Agriculture, and from the Royal Veterinary College, University of London with a Bachelors of Veterinary Medicine in 2008. She completed a farm animal and camelid rotating internship at the Royal Vet College before moving to Texas A&M in 2009 for a food animal emphasis large animal medicine residency and masters degree. She became ACVIM board certified in 2012 and has been at Texas A&M University since, working as a clinical assistant professor in food animal medicine. Her clinical and research interests are focused on small ruminant medicine.

John Gibbons
Research Assistant

Dr. Gibbons graduated from Texas A&M University in 1988 with a Bachelors in Animal Sciences. He completed a Master's degree at Virginia Tech and a PhD in Reproductive Physiology from the University of Wisconsin Madison. He has worked in academia and industry with AI, ultrasonography, embryo transfer, IVF and cloning in food animal species.

Amanda Hartnack
Assistant Professor

Education

- M.S., The Ohio State University 2014
- D.V.M., Colorado State University 2010
- M.S., Colorado State University 2006
- B.A., Barnard College 2002
Juan Romano  
Associate Professor

Education

- Ph.D., Texas A&M University 2004
- Cert Resident in Food Animal Theriogenology, Texas A&M University 2000
- M.S., University of Minnesota 1998
- Biotechnology of Reproduction-NLBC-Fukushima, Japan 1991
- Ruminant Reproduction-UNCEIA-Paris, France 1987
- D.V.M., Facultad de Veterinaria - Universidad del Uruguay 1985

Credentials

- Diplomate, American College of Theriogenologists

Scholarly Interests


Catherine Ruoff  
Clinical Assistant Professor

Education

- M.S., Texas A&M University 2011
- D.V.M., Texas A&M University 2006
- B.S., Texas A&M University 2002

Scholarly Interests

Specialty interests: Small and large animal radiography, ultrasonography, MRI, and CT. Imaging of musculoskeletal diseases.

Research Interests

MRI of articular cartilage
Schedule

August 29, 2015

8:00 – 8:30 a.m.  Registration, Sign-In & Continental Breakfast

8:30 – 9:20  Ultrasound Basics: Understanding Frequency, Gain and Power –  
Dr. Cathy Ruoff
The physics of ultrasound will be discussed to develop understanding of frequency, gain and power. The different ultrasound modes and probe types and their application will also be discussed.

9:30 – 10:20  More Than Just For Reproduction: Utilizing Your Ultrasound In Practice - Dr Philippa Gibbons
Ultrasound applications for use other than reproduction will be discussed, focusing primarily on abdominal ultrasound. Use of ultrasound for cardiac, respiratory, musculoskeletal, umbilical and ocular disease will also be covered. Both normal and pathological findings will be shown.

10:30 – 10:45  Break

10:45 – 11:35  The Use Of Ultrasonography In Cattle Reproduction – Dr. Juan Romano
This lecture will include basic principles of ultrasonography as well as indications, precautions and contraindications of the procedure. We will review the use of ultrasonography for early pregnancy diagnosis, sexing fetus, for determining the age and viability of the conceptus and for the evaluation of genital tract pathologies. We will also review the uses of ultrasonography in males. Uses and indications of transrectal, transabdominal and transvaginal ultrasonography will be discussed.

11:45 – 12:30 p.m.  Lunch Provided

12:30 – 1:45  Abdominal And Thoracic Ultrasound In Cattle Wet Lab –  
Drs. Philippa Gibbons and Amanda Hartnack
Normal abdominal and thoracic ultrasound will be demonstrated. Each participant will have the opportunity to perform a complete bovine abdominal ultrasound examination.
2:00 – 3:15  Small Ruminant Pregnancy Detection - *Dr. Juan Romano*

The participants will have the opportunity to perform transabdominal and transrectal ultrasound examination for pregnancy in the small ruminant.

4:00 – 5:15  Bovine Ultrasound – *Dr. John Gibbons*

Participants will have the opportunity to perform transrectal ultrasound examination of the female bovine reproductive tract. A variety of different ultrasound probes and machines will be available for use. Examination of the open tract and ovaries, early pregnancy and fetal sexing will be covered.

*REGISTRATION INFORMATION*

Pre-registration is required for all veterinary continuing education conferences. Seminars are subject to cancellation when registration is inadequate to cover costs of the program. Register early to help prevent course cancellation.

There is a limit of 30 attendees for this workshop.

Registration fee is $100.00 lecture and $300.00 lab if paid before August 14, and $150.00 lecture and $350.00 lab after that date.

For your convenience, 24 hour, 7-days-a-week fax registration service is available, in addition to registration by online, telephone and mail. Free, convenient parking is provided. You will receive maps with your registration confirmation letter. Please confirm that your registration has been received before purchasing airline tickets. Mailed registrations must be postmarked on or before August 14, to receive the early registration discount.

Office of Veterinary Continuing Education
College of Veterinary Medicine & Biomedical Sciences
Texas A&M University
College Station, Texas  77843-4470
Phone (979) 845-9102       Fax (979) 862-2832
http://vetmed.tamu.edu/ce
* LOCATION *

All activities will be held at the College of Veterinary Medicine & Biomedical Sciences. The college is located on Raymond Stotzer Parkway in College Station.

If you are arriving via Highway 6, take the University Drive exit and proceed west on University Drive. The street becomes Raymond Stotzer Parkway and the college is on the right at the corner of Agronomy Road and Stotzer.

If you are arriving via Highway 21, exit Highway 47 at the Riverside Campus. Continue on Highway 47 until it intersects with Raymond Stotzer Parkway (also Highway 60), turning left toward the main TAMU campus. The college is on the left approximately one mile east of Easterwood Airport.

* HOTEL *

We have blocked rooms at the following College Station hotels. When making reservations, please mention: “TAMU – Ruminant Ultrasound Conference”.

**Executive Inn & Suites**
901 University Dr.
(979) 260-9150
$76.99 double/king
release date: 08/01/15

**Bryan Fairfield Inn**
4613 S. Texas Ave.
(979) 268-1552
$109 king/double
release date: 08/08/15

**Hampton Inn**
320 S. Texas Avenue
(979) 846-0184
$119 king/double
release date: 08/14/15
Group Code: VET

**Hawthorne Suites**
1010 University Dr
(979) 695-5000
$114 double/single
release date: 08/14/15
* CANCELLATIONS & REFUNDS *

If registration cancellation is made on or before 5:00 p.m. August 14, a refund of 80 percent of the registration fee will be given. We are unable to refund fees for non-attendance or if your cancellation is received after that date, unless the course is cancelled. If the registrant is unable to attend we encourage an alternate to be appointed in their place in lieu of cancellation.

* SPECIAL NEEDS *

If you are a person with a disability and desire any assistive devices, services or accommodations to participate in this conference, please contact us at phone (979) 845-9102, 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.

* CONTINUING EDUCATION CREDITS *

You will receive a certificate awarding 6.75 hours of CE credit for full participation in the lectures and labs. A record of your CE participation at the College of Veterinary Medicine & Biomedical Sciences is kept on permanent file. Please sign in each day to receive full CE credit.
* REGISTRATION *

Please enroll me in the Ruminant Ultrasound Workshop
to be held August 29, 2015

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Lecture & Lab
Registration fee is $100.00 lecture and $200.00 lab if paid before August 14, and $150.00 lecture and $250.00 lab after that date.

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Check # _______________ (Payable to TAMU)

(Circle One) Visa  MC  Discover  AMEX

Card No. _______________________________ 3-Digit security code __________

Exp. Date _______________ Cardholder’s Name ________________________