Ultrasonography and Embryo Transfer Workshops are being conducted in tandem with the intention of providing essential knowledge and hands-on experience for veterinary practitioners, research scientists and graduate students. Participants may register for one or both of the workshops.

The Ultrasound Workshop is a three-day course involving lectures and wet labs covering the principles of ultrasonography and practical aspects of equipment operation and imaging (Day 1), imaging of the small animal abdomen and thorax (Day 2), and imaging of the reproductive tract in large animals (Day 3). Half of each day will be devoted to hands-on training with tissues and live animals (dogs, cats, cattle, horses). Demonstrations will include ultrasound-guided aspiration and biopsy techniques, fetal sex diagnosis, transvaginal follicle aspiration, and Doppler imaging. Ultrasound equipment will be provided, but participants are free to bring and use their own equipment, and are encouraged to bring their own images to add to our discussions.

Instructors: Drs. Gregg Adams, Jaswant Singh and James Montgomery

The Embryo Transfer Workshop, is a five-day course (the last day of the ultrasound workshop is the first day of the embryo transfer workshop) involving lectures and wet labs covering new approaches to manipulation of ovarian follicle wave dynamics for superovulation and estrus synchronization, as well as embryo collection, handling, freezing and transfer. In addition, techniques related to the direct transfer and vitrification of bovine embryos will be taught. Discussions will address regulatory issues, import/export, Certification by the Canadian Embryo Transfer Association and the Canadian Food Inspection Agency. Participants will spend more than 30 hours in the laboratory developing their skills in ultrasonography, embryo collection and transfer, embryo evaluation and cryopreservation.

Instructors: Drs. Reuben Mapletoft, Gregg Adams, and Jaswant Singh

**Registration fee:**
Participants may register on a per-day or per-workshop basis. The registration fee for the Ultrasound Workshop is $1500 and for the Embryo Transfer Workshop is $2000. The fee for both workshops is $3000 (Can$), or $500/day. After March 31, 2013, the registration fee will increase by 20%.

**Registrar:** Jackie Bahnmann (Jackie.bahnmann@usask.ca), tel: (306) 966-7108 fax: (306) 966-8747. For more information, contact Reuben Mapletoft (reuben.mapletoft@usask.ca), tel: (306) 966-7149, fax: (306) 966-7159, or Gregg Adams (gregg.adams@usask.ca), tel: (306) 966-7411, fax: (306) 966-7405.