Animal Care and Veterinary Services
VETERINARY SERVICES NEWS
VOLUME 7, ISSUE 1, WINTER 2017

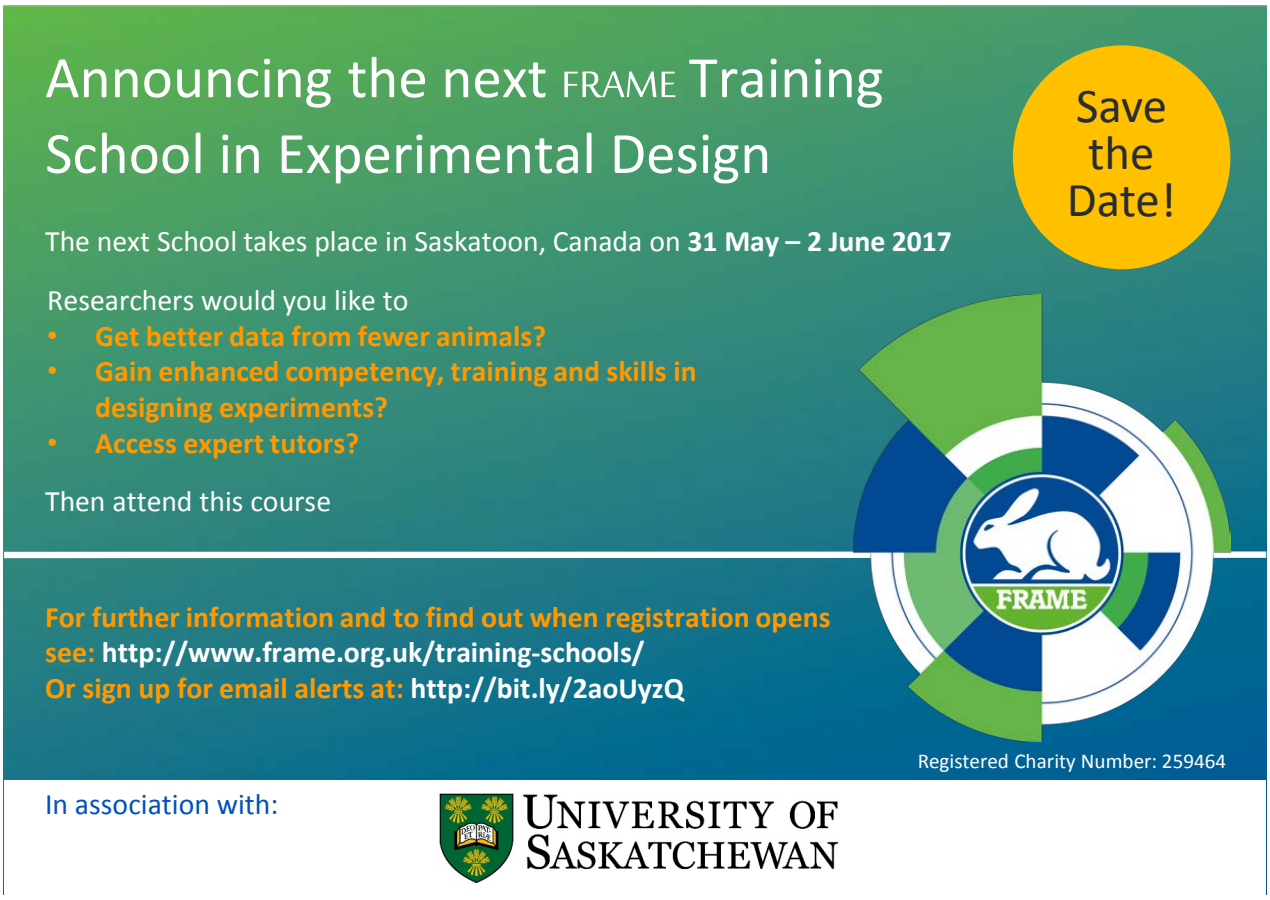
UNIVERSITY OF MANITOBA

CCAC National Workshops

CCAC National Workshops provide members of institutional animal care committees with an opportunity to interact with peers and exchange information on challenges and best practices. They feature plenary sessions given by invited international and national speakers and breakout sessions facilitated by workshop participants with insight and expertise relevant to the topic of discussion.

National Workshop 2017

The CCAC is delighted to announce that the next National Workshop will take place in **Saskatoon on June 3, 2017**. This workshop will be held in collaboration with the University of Saskatchewan and with the **FRAME Training School in Experimental Design (to be held May 31 to June 2, 2017).** Registration information and further details will be made available in the coming months.

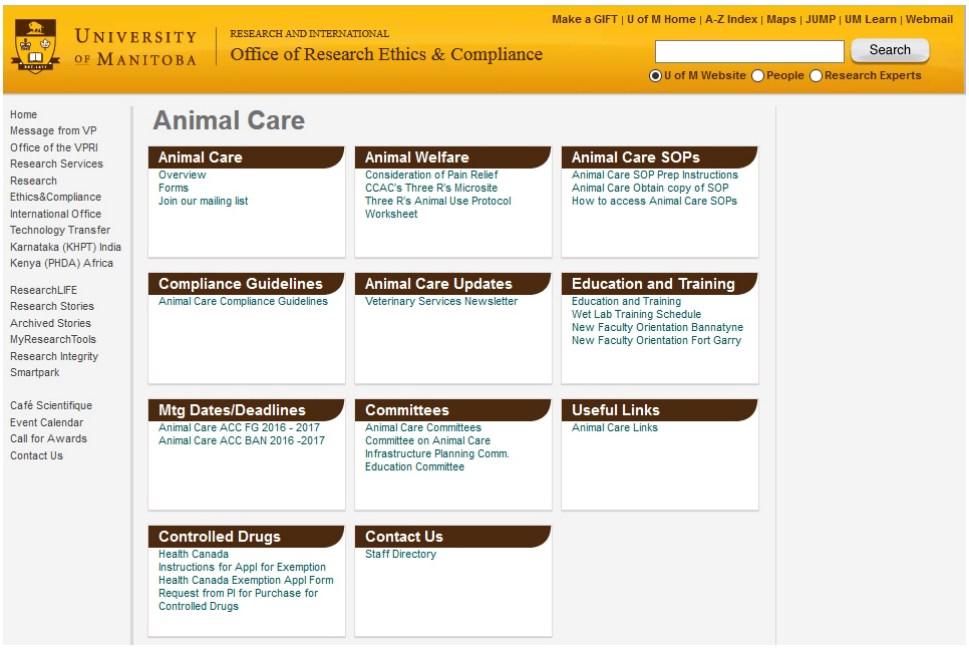


ARRIVE (Animal Research: Reporting of In Vivo Experiment) Guidelines

The National Centre for the Replacement Refinement & Reduction of Animals in Research (NC3RS) conducted a survey of 271 scientific publications from the United States and the United Kingdom in 2009. Their objective was to assess recently published biomedical research using experimental animals in three areas: experimental design, statistical analysis and quality of reporting. The survey concluded there are a number of areas that need to be addressed primarily the need for improvements on experimental design and reporting in publications. The ARRIVE Guidelines were developed in response to the survey results to improve the reporting of research using animals. The guideline outlines the minimal information required and reported in any animal-based study. The outline, presented in a 20-item checklist is applicable to any area of biomedical research. For full details on the guidelines and the checklist, readers are encouraged to visit the NC3Rs website: **https://www.nc3rs.org.uk/arrive-guidelines**

Shawn Blum, a member of the Central Animal Care Staff recently did a paper on this topic as she worked towards achieving her Registered Master Laboratory Animal Technician certification with Canadian Association for Laboratory Animal Science (CALAS). The paper has been published in the CALAS Members Magazine, Vol 51, No 3, Fall 2016. Congratulations to Shawn for this accomplishment and for aiding in bringing this important topic to the forefront. The paper highlights the surge in support of the guidelines with more than 600 journals endorsing the ARRIVE guidelines at the end of 2016. Further steps however, are required to implement and enforce the guidelines so researchers can accurately assess and replicate published work. This will require a commitment from all levels of involvement including institutions, researchers, journal publishers and granting agencies. The collective goal should be to implement higher study publication standards that enable better translation of experimental findings. By improving transparency and the quality of research reports, the value of and knowledge gained from every animal, in every study will be maximized.

RESEARCH ETHICS & COMPLIANCE ANIMAL CARE AND VETERINARY SERVICES

Fort Garry Campus
208 - 194 Dafoe Road
Winnipeg, MB R3T 2N2
Phone (204) 474-6402
Fax (204) 269 7173

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