Canadian Society
of Animal Science | Société canadienne
de Science animale
www.csas.net

CSAS Matters: Spring 2023 Edition

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Presidents Message

Dear Canadian Society of Animal Science Members and Partners:

I would like to thank you for giving me the honour and privilege of serving as your president for the current year. I would like to give big thanks to all the Executive Committee for your continuous support driving Canadian Society of Animal Science (CSAS) forward. Also, I would like to acknowledge our administrator provider Fitzgerald & Co. as their strategic assistance and continuous support has helped us be a well functioning society.

As an animal science society, our role is to be ambassadors and advocates of animal science and technology, to foster the forum for information exchange, the promotion of knowledge transfer, the implementation of research, the coordination of education and research activities, and the recognition of those engaged in animal science. In this sense, the current Executive is busy working in putting together an exciting CSAS Symposia program in collaboration with the American Society of Animal Science (ASAS) for the 2023 ASAS-CSAS-WSASAS Annual Meeting & Trade Show that will be held in Albuquerque, New Mexico, USA, July 16-20. CSAS is pleased to introduce two symposia; Symposium 1: Emerging Technologies and Strategies that Optimize Livestock Research and Symposium 2: Meat protein alternatives: exotic species (e.g. rabbit, elk, deer, llama, water buffalo…) (see details below). In addition, CSAS is working on the 2023 December issue of Animal Frontiers, showcasing more than eight articles giving an insight on meat protein alternatives from unconventional species with contributions from authors that will provide a global perspective. Since Animal Frontiers foundation, CSAS has been successfully contributing to Animal Frontiers publication with high impact articles from renown animal scientists. However, due to changes in the financial strategy of Animal Frontiers, CSAS has to discontinue the collaboration with this journal. It has been a hard decision to make for our Executive. Our Society wishes all the best to our partners in Animal Frontiers and will be looking forward to collaborating with them in future projects. Likewise, CSAS will be actively seeking new vibrant opportunities to disseminate animal science.

The future of the Canadian animal science is, of course, in the hands of the next generation of talented individuals who will take the animal science forward. In this regard, through the CSAS oral MS and PhD competitions at 2023 ASAS-CSAS-WSASAS Annual Meeting & Trade Show our society is focusing on promoting and recognizing the research activities by student members, as well as new young people from different organizations. I urge all members to help us by encouraging students and early-career professionals to join the society. We would very much like to have student volunteers on each of our CSAS committees so, please, contact our administrator and/or the committee chairs if you feel you can collaborate with this.

Collaboration is another key aspect to move forward this vibrant association. During this year, it has been stressed the importance of making progress in joining forces with other Canadian associations or societies. Fostering synergies, cooperation and coordination among societies/associations will make us stronger and well positioned to tackle future challenges. In this context, your Executive is initiating conversations with the Canadian Association of Laboratory Animal Science (CALAS/ACSAL) to learn from each other an identify the synergies of the societies to work together in the future

I wish a happy and productive Spring and Summer to all our CSAS members. I hope to see you at our CSAS Annual General Meeting in Albuquerque.

Best Wishes,

Óscar López-Campos (President), on behalf of the Canadian Society of Animal Science Executive

Meet your CSAS Executive!

Canadian Society of Animal Science

**OSCAR LOPEZ-CAMPOS
PRESIDENT**

**YOUNES MIAR
PRESIDENT-ELECT**

**OBI DURUNNA
VICE-PRESIDENT**

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Kees Plazier, University of Manitoba
Student Ambassadors
Faith Omonjio, McGill University
Amir Behrouzi, University of Alberta

ASAS-CSAS Conference

July 16-20 in Albuquerque, New Mexico at the Albuquerque Convention Centre

- CSAS AGM Lunch – July 19th
- CSAS Awards Ceremony – July 19th

Register at: https://www.asas.org/meetings/annual-2023/registration

CSAS Symposium I: Emerging Technologies and Strategies that Optimize Livestock Research
July 18, 2023: Morning Session

Dr. Guilherme J. M. Rosa, University of Wisconsin-Madison – Digital technologies and Machine learning: A new way to look at novel traits at spatial and temporal dimensions.

Dr. Dan Tulpan, University of Guelph – Machine and deep learning modelling strategies for body weight prediction of cattle and swine.

Dr. John Church, Thompson Rivers University – Emerging precision ranching technology is enabling the development of a "smart" biome.

Dr. Jennifer Clarke, University of Nebraska-Lincoln, Topic TBD

CSAS Symposium II: Meat Protein Alternatives: Exotic Species (E.G. Rabbit, Elk, Deer, Llama, Water Buffalo…)
July 18, 2023: Afternoon Session

Dr. Jayson Galbraith, Alberta Agriculture and Irrigation, Animal Health and Assurance Branch – Meat options for dinner: The road less travelled (Bison edition).

Dr. Argenis Rodas-Gonzalez, University of Manitoba – Critical comparison of water buffalo (Bubalus bubalis) and cattle on growth performance and carcass traits: A review.

Dr. Huerta Nelson, Texas Tech University – Eating and nutritional quality of meats from water buffalo versus cattle: A review.

Dr. Hugo Fernando Lopez Arevalo, National University of Columbia – Advances, challenges and prospects for the sustainable use of the chigüiro in Colombia.

Calling all Students!

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Graduate Travel Fellowship

Description: $500 towards expenses for travel to the 2023 CSAS-ASAS Annual Meeting and Trade Show. Winners will receive the cash award during the CSAS awards banquet.

Eligibility:

- Registered CSAS member.
- Registered in M.Sc., Ph.D., or Postdoctoral program at a recognized Canadian university.
- Registered and attending the 2023 ASAS-CSAS Annual Meeting and Trade show for the purpose of presenting data (oral or poster).

Application requirements:

- Proof of membership (CSAS membership number) and student status (photocopy of valid student ID or attestation by supervisor/head of department).
- Applicant's abstract (version submitted) for oral or poster presentation during the meeting.
- A justification letter (max. 500 words) describing the focus of the research to be presented at the meeting and the benefits that would be gained from attending the meeting.
- A letter of recommendation (max. 400 words) from the applicant's supervisor.
- Supervisor should sign and confirm that the applicant fulfills all requirements.
- Proof of registration is not required at time of application but will be required before funds are awarded.

Sponsored by: Lakeland College, Olds College and Canadian Centre for Swine Improvement, Inc.

Graduate Student Poster Presentations

In recognition of the top three poster presentations during the Graduate Student Competition at the Annual Meeting. The award consists of a cheque for 1st $250, 2nd $150 and 3rd $100.

Sponsor: Canadian Science Publishing

Graduate Student Oral Presentations

In recognition of the top three oral presentations during the Graduate Student Competition at the Annual Meeting. The award consists of a cheque for 1st $250, 2nd $150 and 3rd $100.

Sponsor: Canadian Science Publishing

Undergraduate Academic Achievement Award

Description: Awarded in recognition of superior academic achievement to an undergraduate student during the course of their studies in animal science-related program.

Eligibility: An undergraduate student who has demonstrated superior academic performance during their undergraduate studies and who is expected to graduate in the year of the award. A total of one undergraduate student recipient from each of the main agricultural faculties at Canadian universities (University of British Columbia, University of Alberta, University of Saskatchewan, University of Manitoba, University of Guelph, Université Laval, McGill University, and Dalhousie University). Nominations are received from the department in which the student is enrolled.

Form: Certificate, $100 cash award, and one-year complimentary membership in the Society, including journal access.

Sponsor: Lakeland College and Olds College

Call for Nominations!
CSAS Professional Scientist Awards

Excellence in Nutrition or Meat Science	Awarded in recognition of the achievements of new members of the research community. Presented to an individual who has demonstrated excellence in research in any area of animal science and who has held their PhD for a period not greater than seven years. *Sponsored by: Canadian Science Publishing*
Technical Innovation in Enhancing Production of Safe Affordable Food	This award recognizes excellence in technical innovation and teaching with emphasis in biotechnology, genetics, physiology, and animal behaviour. The award requires demonstration that the recipient contributed to the production of safe and affordable food of animal origin. *Sponsored by: Semex Alliance*
Canadian Industries Award in Extension and Public Service	This is awarded to a CSAS member in recognition of outstanding service to the animal industries of Canada in technology transfer, leadership and education in animal production. The recipient of the award may be employed in any sector of the Canadian animal industry. *Sponsored by: Canadian Pork Council, Chicken Farmers of Canada, Beef Cattle Research Council, and Dairy Farmers of Canada*
CSAS Fellowship	This award represents the highest honour bestowed by the Society to members who have made an outstanding contribution in any field of animal agriculture. *Sponsored by: Canadian Science Publishing*
Young Scientist	Awarded in recognition of the achievements of new members of the research community. Presented to an individual who has demonstrated excellence in research in any area of animal science and who has held their PhD for a period not greater than seven years *Sponsored by: Masterfeeds*

Award applications CS are due in May 15, 2023 - https://www.asas.org/CSAS/awards