

PAW 2024

People Around the World International Congress

MAKING A WORLD OF DIFFERENCE

The following tours are available to you free of charge as a registered attendee of the 2024 PAW International Congress.

To register your attendance at any of these tours, please email the University of Saskatchewan International Office at international.office@usask.ca with your contact information and the tours you would like to attend. Additional details will be returned to you with your tour confirmation email.

Scheduled: All tours to be held on Wednesday, October 16th, 2024

8:30 AM–9:30 AM CONTROLLED ENVIRONMENT FACILITY (PHYTOTRON)

The Controlled Environment Facility, also known as the Phytotron, consists of 183 environmentally controlled reach-in cabinets and walk-in rooms that can be programmed to produce various environmental conditions, such as qualities and intensities of light, ranges of temperature and humidity. The cabinets and rooms are available on a rental basis to clients within the University of Saskatchewan organization.

The CEF is approximately 30,000 sq ft with approximately 8,300 sq ft being chamber space used for growing. The rest of the space is general workspace and labs. The chambers range in size from 7 sq ft to 178 square ft. There are 150 controlled chambers located in the main area and another 33 controlled chambers located throughout the Agriculture Building. The CEF recently concluded a \$12.5-million major upgrade with the addition of energy efficient lighting as well as updated chilling units.

10:00 AM–11:00 AM CANADIAN LIGHT SOURCE (CLS)

See inside Canada's only synchrotron!

The Canadian Light Source (CLS) is one of the largest science projects in Canada's history. Their facility speeds up electrons to produce intensely bright synchrotron light that allows scientists to study materials at a molecular level. Over 1,000 researchers from around the world use the CLS every year. On your tour, you'll learn about CLS' history, how their machine works, and examples of how researchers have used the facility to conduct ground-breaking research in the fields of health, agriculture, the environment, and advanced materials.

1:00 PM–2:30 PM UNIVERSITY OF SASKATCHEWAN CAMPUS SUSTAINABILITY TOUR

The University of Saskatchewan campus is full of sustainability features both obvious and hidden for the eager explorer to discover. By taking the Campus Sustainability Tour, you can familiarize yourself with all of the ways that the university is making itself more sustainable across a variety of areas.

3:00 PM–4:00 PM RAYNER FACILITIES TOUR

Join us for a tour of the Rayner Dairy Research and Teaching Facility, located on campus, which accommodates approximately 100 lactating cows with robotic, parlor, and tiestall milking capabilities. A viewing gallery accommodates public access and education on modern dairy agriculture production systems. Research performed in the facility includes dairy nutrition and feed development, animal fertility and health, animal management, technology development, application of information technologies, and development of green technologies for improved sustainability. Come learn how the dairy industry is working to improve water use efficiency, reduce GHG emissions, and improve the quality of milk produced.

THE FOLLOWING TOURS ARE ALSO AVAILABLE TO YOU ON AN INDIVIDUAL SELF GUIDED BASIS AND DO NOT REQUIRE YOUR REGISTRATION:

The [Museum of Natural Science](#) is designed to outline evolution throughout geological time, providing an integrated learning environment, with displays of living plants, animals and fossils.

The [Museum of Antiquities](#) hosts a collection of ancient Greek, Roman, Egyptian, and Near Eastern sculpture in full-scale replica, as well as original pottery, glass, and ancient coinage.

The Kenderdine, College, and Snelgrove [Art Galleries](#) showcase work by artists and curators from the university and from the wider local, national, and international community.

In addition to preserving the core collection of John G. Diefenbaker's personal artifacts, the [Diefenbaker Canada Centre](#) hosts exhibits and programs that explore citizenship, leadership, and Canada's role in the international community.

The [University of Saskatchewan Computer Museum](#) is dedicated to the preservation, interpretation and celebration of yesterday's computing artifacts.