



The Office of the Vice-President, Research (OVPR) and the Office of the AVP & CTO are preparing to roll-out a new enterprise Laboratory Information Management System (LIMS) called **Infinity X** to McMaster core research platforms in 2024. Learn more about Infinity X and the roll-out process below.

## WHAT IS A LIMS?

A **Laboratory Information Management System (LIMS)** is a software-based solution designed to support laboratory operations.

A LIMS can:

- Facilitate booking and track usage of infrastructure and resources
- Integrate billing internally and externally
- Provide various reports and administer user surveys
- Enhance data quality and information security
- Create an institutional inventory of equipment and infrastructure

McMaster's 30+ core research platforms provide researchers with access to the instrumentation and technical expertise needed to advance discoveries. Centralized software support is vital to the management, sustainability and growth of our core research platforms. A LIMS will address the diverse administrative needs of McMaster's research platforms and enable the University to better understand and quantitate how our facilities support research institutionally.

## WHAT IS INFINITY X?

After a formal RFP process involving extensive assessment and consultation, McMaster contracted a commercial LIMS vendor to implement **Infinity X**.

### Features and Benefits

Infinity X offers a variety of features to support facility users, including:

- A **Billing and Invoicing Module** integrated with Mosaic and MacBill to enable a seamless and streamlined billing and invoicing process
- An easy-to-use **Instrument Scheduler Module** that allows for real-time booking of equipment
- A **Publication Module** that retrieves published journals relevant to each facility and its users
- An **Actual Usage Tracker™** to track the actual usage of both computer-controlled and non-computer-controlled instruments and equipment to improve billing accuracy
- A **Mobile App** that allows for quick and easy access to Infinity X on-the-go

Browse additional features: <https://www.ideaelan.com/core-management-software.html>

### Implementation Timeline

Infinity X is being rolled-out **in phases** to McMaster's core research platforms over the course of approximately **12 months**. Phased migration to Infinity X will begin in **Spring 2024**.

**Phase 1** will include the following core research platforms:

- Centre for Advanced Light Microscopy (CALM)
- McMaster Regional Centre for Mass Spectrometry (MRCMS)
- Centre for Microbial and Chemical Biology (CMCB)
- Biointerfaces Institute (BI)
- McMaster Manufacturing Research Institute (MMRI) / Material Property Assessment Laboratory (MPAL)
- Canadian Centre for Electron Microscopy (CCEM)

## RESOURCES & SUPPORT

The OVPR is currently developing a dedicated Infinity X support website. The website will include training resources to help users navigate Infinity X. Prior to a core research platform's scheduled onboarding date, the Infinity X Project Team and core research platform administrators will host virtual onboarding and training sessions with users.

## HAVE QUESTIONS?

Email us at [infinity@mcmaster.ca](mailto:infinity@mcmaster.ca)