

Support lifelong mobility

Western's Bone and Joint Institute (BJI) is improving mobility, reducing pain and enhancing quality of life for those affected by musculoskeletal diseases.

More than a third of the world's population — including over 15 million Canadians this year alone — lives with conditions affecting joints, muscles, and bones, which lead to chronic pain, reduced mobility and serious health complications.

The impacts are profound. Physically, musculoskeletal issues cause chronic discomfort, limit daily activities and increase the risk of additional health problems like obesity, heart disease and depression, which together contribute to a higher risk of premature death. Emotionally and economically, they disrupt mental health, cause job loss and strain healthcare systems with rising costs and increased demand for specialized care.

As our population ages and lifestyle-related risk factors increase, innovative solutions are more urgent than ever. At BJI, hundreds of scientists, social scientists, engineers and clinicians are collaborating to:

- **Create groundbreaking treatments** that restore mobility, alleviate pain and help individuals regain their independence.
- **Advance rehabilitation technologies** to accelerate recovery and get people back to their active lives faster.
- **Drive earlier detection and intervention strategies**, addressing conditions before they significantly impact quality of life.
- **Influence healthcare policies** to improve patient outcomes and build more efficient, effective care systems.
- **Educate and empower the next generation of researchers** and healthcare providers to ensure ongoing progress in musculoskeletal health.

With your support, we can help people of all ages lead more active, productive and pain-free lives.



Western

All in.

“What makes the Bone and Joint Institute unique is how it brings everything together. We have field leading researchers, strong clinical integration support and cutting-edge facilities all at our disposal. We leverage these assets to create a collaborative environment that encourages us to think big and reach for new possibilities. The work here is advancing musculoskeletal health and improving lives not only in our community, but around the world.

Hayden Atkinson, Postdoctoral Fellow & Clinician-Scientist, BJI

Are you all in?
Get in touch.

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