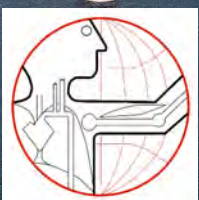


# 10th World Congress of Biomechanics

Vancouver, Canada  
July 2026



VANCOUVER



# Letter of Welcome

VANCOUVER

JULY 14, 2022

ATTN: DR. PETER HUNTER  
EXECUTIVE COMMITTEE CHAIR  
WORLD COUNCIL OF  
BIOMECHANICS



Canadian Society  
for Biomechanics

Société canadienne  
de biomécanique

Dear Dr. Hunter and the WCB Executive Committee,

On behalf of the Canadian Society for Biomechanics/Société Canadienne de Biomécanique (CSB/SCB), it is with great pleasure that we look forward to welcoming the 10th World Congress of Biomechanics (WCB 2026) in Vancouver, British Columbia, Canada.

Canada is home to a large and diverse biomechanics community from coast to coast. The CSB/SCB, founded in 1973, is the home society for the biomechanics community in Canada. We hold biennial meetings that move geographically through Canada, and we facilitate other training, promotional and collaborative activities for our community. The 2026 WCB conference would be held in lieu of our biennial meeting, and we would therefore bring the support of our CSB/SCB executive, our community, the local Vancouver biomechanics community, and our national and international industry partnerships to support the congress.

The last time that the World Congress of Biomechanics came to Canada was in 2002 when it was hosted in Calgary, Alberta. We are therefore eager to welcome the world and the WCB back to Canada, and to share the coastal charm of British Columbia and the vibrant city of Vancouver that is perfectly situated between the mountains and the Pacific Ocean - a nature lover and outdoor enthusiast's paradise! Vancouver and its surrounding area represent a bustling academic and research powerhouse, with vibrant biomechanics activity centered at the University of British Columbia and Simon Fraser University. Vancouver is also home to an international airport hub, with daily direct flights to many destinations internationally.

We think that Vancouver will offer a great representation of our Canadian biomechanics community, and a wonderful environment for bringing the biomechanics world together.

Proceeds of the WCB 2026 meeting garnered to the CSB/SCB will be used to create a CSB/SCB biomechanics training legacy fund that will support biomechanics training in low-to-middle income countries, in partnership with Canadian scholars and trainees. More specifically, the funds will be used for the development and delivery of world-class biomechanics educational content both nationally within Canada, and in partnership with the biomechanics communities in developing countries, including the South African Society of Biomechanics.

We thank you and we look forward to welcoming the biomechanics world to Canada and Vancouver!

Sincerely,

Janie L Wilson, Ph.D.  
President, Canadian Society for Biomechanics  
Professor, Department of Surgery, McMaster University  
janiewilson@mcmaster.ca

Andrew Laing, Ph.D.  
Past-President, Canadian Society for Biomechanics  
Associate Professor, Department of Kinesiology, University of Waterloo  
actlaing@uwaterloo.ca

# Conference Bid Leadership



## **Janie L. Astephen Wilson, Ph.D.**

**President, Canadian Society for Biomechanics**

**Professor, Department of Surgery, School of Biomedical Engineering**

**McMaster University**

Janie Wilson is a professor in the Department of Surgery, Faculty of Health Sciences at McMaster University in Hamilton, Ontario. She is also a co-director of the Dynamics of Human Motion laboratory at Dalhousie University. She runs a multidisciplinary research program in orthopaedic biomechanics, with a focus on understanding the role of joint-level biomechanics and muscle activity in the initiation, progression and treatment of osteoarthritis with arthroplasty surgery. She has specific interest in understanding how female sex and obesity interaction with joint mechanics in injury and disease, as well as the development and application of mathematical and statistical tools for biomechanics applications. She was the conference co-chair for the 2018 Canadian Society for Biomechanics meeting, and has held leadership positions in the Canadian Orthopaedic Research Society and the Orthopaedic Research Society.



## **Andrew Laing, Ph.D.**

**Past President, Canadian Society for Biomechanics**

**Department of Kinesiology**

**University of Waterloo**

Andrew Laing directs the Injury Biomechanics and Aging Laboratory at the University of Waterloo. His general field of interest is musculoskeletal biomechanics related to human health and injury prevention, and the role that advanced age has on these relationships. Within this framework, his research focuses on impact biomechanics, fall-related tissue trauma, occupational biomechanics, balance and mobility, and forensic epidemiology. Dr. Laing is Associate Chair of Graduate Studies in his department, and has an intense interest in incorporating and encouraging trainee perspectives within the biomechanics community. He conducted his doctoral and post-doctoral training in Vancouver at Simon Fraser University and the University of British Columbia, respectively; his networks within the Vancouver region have been invaluable in supporting this WCB 2026 bid proposal.

# WHY VANCOUVER?

Here are a few great reasons.



**OUR AWARD-WINNING CONVENTION CENTRE IS DOUBLE LEED® PLATINUM-CERTIFIED.**



**EVERYONE IS WELCOME**

Vancouver is a safe, diverse, inclusive city. No matter where you're from, chances are you'll hear your language being spoken on our streets.



**EDUCATIONAL LEGACY FUND**

**\$41,000 USD** towards a legacy fund that will support biomechanics education in Canada and developing countries.



**OUR NATURAL PLAYGROUND**

We're surrounded by some of the world's most beautiful (and accessible) nature. A truly Canadian experience for anyone who wants one.



**YOUR EVENT IS IN (MANY) GOOD HANDS**

Our hospitality community works as one. We work collaboratively to make sure your experience goes beyond expectation, and well into unforgettable territory.



**PARADISE FOR PEDESTRIANS**

Our walkability can't be beat. Our downtown core provides everything your team needs in walking time, helping you achieve both your sustainability and budgetary goals.





## **WEATHER (AVERAGE JULY TEMPERATURES)**

**High: 22C (72F) Low: 12C (54F)  
Precipitation: 35.6mm (1.4")**

## **JULY EVENTS**

- **Scotiabank Half Marathon**
- **Bard on the Beach Shakespeare Festival**
- **Celebration of Light Festival**
- **Vancouver Folk Music Festival**
- **Vancouver Pride**
- **Vancouver Pride Run & Walk**



# YVR Airport

We're one of the best-connected places on the planet. Sitting equal distance between Asia and Europe, and only minutes from the U.S. border, Vancouver International Airport (YVR) welcomes over 900 international flights from around the globe, every week. And we're not just connected to other places, but also to each other. Our hospitality team works as one to create a customized experience for your team, right down to your travel plans.

**26**

MILLION+  
PASSENGERS  
SERVED  
ANNUALLY



**301**

INTERNATIONAL  
FLIGHT ARRIVALS  
PER WEEK  
(EXCLUDING USA)

**86**

US FLIGHT  
ARRIVALS  
PER DAY



PREMIER GATEWAY  
TO THE ASIA  
PACIFIC REGION



VOTED BEST AIRPORT  
IN NORTH AMERICA  
12 YEARS IN A ROW



698 CANADIAN NON-STOP  
FLIGHTS PER WEEK



NON-STOP ACCESS  
TO 122 DESTINATIONS



SKYTRAX COVID-19  
AIRPORT EXCELLENCE  
AWARD WINNER



\$9.35 SKYTRAIN FARE –  
LIGHT RAPID TRANSIT  
SYSTEM (CANADA LINE)

# Non-stop Destinations North America & International



NON-STOP FLIGHT TIMES TO VANCOUVER	
Auckland	13 hrs 15 min
Beijing	10 hrs 40 min
Frankfurt	10 hrs 25 min
Hong Kong	11 hrs 30 min
London	9 hrs 35 min
Tokyo	8 hrs 30 min
Shanghai	10 hrs 35 min
Sydney	14 hrs



NON-STOP FLIGHT TIMES TO VANCOUVER	
Atlanta	5 hrs 30 min
Chicago	4 hrs 25
Dallas	4 hrs 15 min
Denver	3 hrs
Los Angeles	2 hrs 55 min
Mexico City	5 hrs 15 min
New York	5 hrs 40 min
Toronto	5 hrs



# Hotels and Meeting Spaces

Inspire your attendees' minds at one of hundreds of meeting spaces within the downtown core and beyond. Afterwards, delegates can rest their heads in one of 13,000 hotel rooms in Downtown Vancouver or an additional 10,000 in Metro Vancouver.

DOWNTOWN CONVENTION HOTELS	AAA RATING	TOTAL GUEST ROOMS	TOTAL MEETING SPACE (SQ FT/M)	LARGEST MEETING ROOM (SQ FT/M)	TOTAL MEETING ROOMS	CAPACITY THEATRE-STYLE	CAPACITY BANQUET-STYLE
1. CENTURY PLAZA HOTEL & SPA	●●●	240	5,300/492	3,500/325	3	275	250
2. COAST COAL HARBOUR	●●●	220	8,000/743	5,000/465	8	400	360
3. DELTA VANCOUVER SUITES + WOSK CENTRE FOR DIALOGUE	●●●	225	18,000/1,672	6,500/604	11	270	200
4. FAIRMONT HOTEL VANCOUVER	●●●●	556	63,000/5,853	11,400/1,059	16	1,500	1000
5. FAIRMONT PACIFIC RIM	●●●●●	377	15,000/1,394	6,852/637	9	500	450
6. FAIRMONT WATERFRONT	●●●●	489	24,000/2,229	7,050/654	14	780	590
7. HOLIDAY INN & SUITES VANCOUVER DOWNTOWN	●●●	245	6,415/596	3,500/325	4	225	150
8. HYATT REGENCY VANCOUVER	●●●●	644	46,000/4,274	13,940/1,295	29	1,650	1300
9. JW MARRIOTT PARQ VANCOUVER + THE DOUGLAS	●●●●	517	65,000/6,039	15,604/1,450	29	1,800	1200
10. METROPOLITAN HOTEL VANCOUVER	●●●●	197	7,800/724	1,929/179	7	150	110
11. PAN PACIFIC VANCOUVER	●●●●	503	42,000/3,901	6,808/632	20	700	600
12. PARADOX HOTEL VANCOUVER	not rated yet	147	15,000/1,394	5,360/498	7	450	360
13. PINNACLE HOTEL HARBOURFRONT	●●●	442	31,000/2,879	7,920/736	19	800	600
14. ROSEWOOD HOTEL GEORGIA	●●●●	156	9,847/915	2,673/248	7	250	200
15. SHERATON VANCOUVER WALL CENTRE HOTEL	●●●	746	48,652/4,520	10,489/975	35	1,350	930
16. SUTTON PLACE HOTEL VANCOUVER	●●●●	396	12,148/1,129	3,150/292	16	330	280
17. VANCOUVER MARRIOTT PINNACLE DOWNTOWN HOTEL	●●●●	438	16,000/1,486	6,632/616	12	600	450
18. WESTIN BAYSHORE, VANCOUVER	●●●●	499	51,334/4,769	15,521/1,441	35	2,000	1400

Vancouver is home to internationally recognized hotels, providing visitors with a variety of options, features and amenities.





..... Under 15 Minute Walk: 5,300 rooms  
 - - - Under 20 Minute Walk: 7,100 rooms  
 - . - Under 30 Minute Walk: 7,600 rooms



# Vancouver Convention Centre

The Vancouver Convention Centre isn't simply the heart of our city, in one of the most beautiful settings in the world, but also at the centre of global subjects that matter. As the world's first double LEED® Platinum-certified Convention Centre, with over 333,500 square feet of thoughtfully-designed space, this place and its positioning offer the type of perspective needed to help your organization tackle some of the world's greatest challenges.



## IN THE HEART OF IT ALL

Perfectly situated in the centre of downtown



## INSPIRING VIEWS

Views of nature that offer a fresh perspective



## LEADERS IN SUSTAINABILITY

Right down to our Sustainability Stewardship



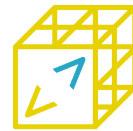
## AWARD-WINNING AND INNOVATIVE

Initiatives recognized around the world



## WITHIN WALKING DISTANCE

Just steps from hotels and attractions



## ROOM FOR EVERY BIG IDEA

Not only sizeable, but flexible spaces



## SOPHISTICATED, SUSTAINABLE FLAVOURS

Inspired farm-and-ocean-to-table concepts



## TECHNOLOGICALLY SUPERIOR

Leading technical capabilities for every event





FUNCTION SPACE	WEST BUILDING
Exhibition space	220,500ft <sup>2</sup> / 20,485m <sup>2</sup>
Meeting rooms	52
Ballroom Space	52,668ft <sup>2</sup> / 4,893m <sup>2</sup>
Pre-function space	129,993ft <sup>2</sup> / 12,018m <sup>2</sup>





# Unique Venues

When's the last time you went to a meeting on top of a mountain? Or sat with colleagues at a table surrounded by swimming sea life? Or attended a corporate event in an old growth forest? You may have started to notice we like to do things a little differently around here. So it should come as no surprise that you can, too. In Vancouver, invite your delegates to a venue they'll never expect — or forget.



## **VANCOUVER AQUARIUM**

Offering formal dining among marine life, cocktail receptions in a living art gallery-style setting with tropical fish, reef sharks and BC-themed exhibits, the Vancouver Aquarium is an unforgettable West Coast experience.

**Capacity: 350 Dining / 1,400 Reception**





**GROUSE MOUNTAIN**

High on a mountain-top, enjoy 360-degree views of the city, sea and mountains, as well as a theatre, outdoor patio, alpine cabin and traditional log Hiwus Feasthouse.

**Capacity: 1000 Dining (with tents) / 1000+ Reception (with tents)**



**STANLEY PARK PAVILION**

A beautiful heritage building nestled within the Rose Gardens in Stanley Park with rustic charm and options for outdoor tenting on grass.

**Capacity: 490 Dining / 960 Reception**



**TELUS WORLD OF SCIENCE**

Known by the locals as “Science World”, this venue offers an imaginative backdrop for special events and includes many interactive exhibits.

**Capacity: 750 Dining / 1,200 Reception**



**UBC MUSEUM OF ANTHROPOLOGY**

Open-air and tented events find their home on the spectacular grounds overlooking the ocean amidst soaring totem poles.

**Capacity: 100 Indoor Dining space or 500+ Outdoor Dining space (with tent)**



**VANCOUVER ART GALLERY**

This historic turn-of-the-century building fit with marble walls, columns and steps is a backdrop to contemporary and historic events.

**Capacity: 250 Dining / 500 Reception**



# Excursion Itineraries



## HOURLY EXCURSIONS

Have a few hours between meetings? Here are just a few ways to spend them in and around the city.

### VANCOUVER CITY TOUR

Experienced guides escort you through the magnificent 400-hectare (1,000-acre) Stanley Park, with a stop at Prospect Point, English Bay, and along fashionable Robson Street all the way to Queen Elizabeth Park, an extinct volcano, for a panoramic city view.

### CANYON TO MOUNTAIN

Just across the Lions Gate Bridge to the North Shore you'll find Capilano Suspension Bridge Park, Grouse Mountain Resort – with Mountain Zip-lining or Grizzly Bear viewing in the summer, and skiing or snowshoeing in the winter – and so much more.

### SEA SAFARI

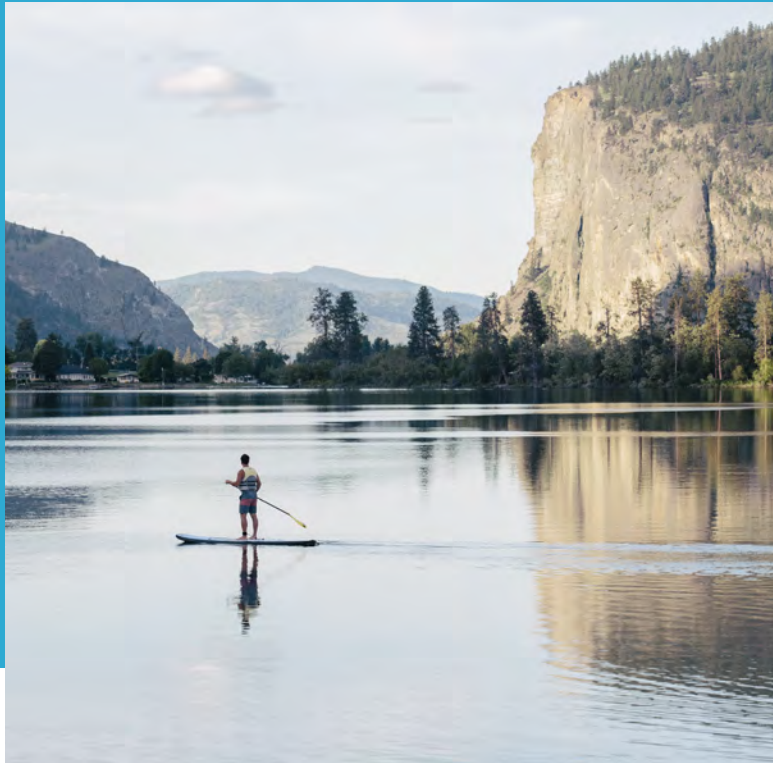
Grab a seat on a deluxe inflatable outboard and take a 2.5-hour Howe Sound safari adventure to view the stunning scenery and wildlife that make the coast of British Columbia so beautiful (and world famous).

### FOOD MARKET TOURS

There is no better way to take in the distinct cultures present in Vancouver than through your taste buds. Culinary-adventurers can join some of the province's top chefs for small-group guided tours of Vancouver's top foodie districts.







## DAILY EXCURSIONS

Have an afternoon or a full day free? Here are a few ways to make even more of your time.

### WHISTLER RESORT

A scenic trip up the Sea to Sky Highway will take you to the alpine village of Whistler. From a crisp mountain air to crystal clear lakes and lush emerald forests, Whistler Resort is a natural year-round playground.

### VICTORIA

Sail through the Gulf Islands on a BC Ferry to Victoria, the province's capital city, featuring turn-of-the-century buildings, red double-decker buses, shops, cafes and world-famous Butchart Gardens.

### WHALE-WATCHING ADVENTURE

Every year between May and November, Orca whales pursue migrating salmon in the Georgia Strait, and aboard a semi-covered vessel with a trained naturalist as your guide, you'll see these magnificent creatures in the wild.

### HELI-RAFTING EXCURSION

Show your meeting delegates the beauty of British Columbia from both air and river on a Heli-Rafting excursion.

### WATER RAFTING

Enjoy a full day of exciting Class III and IV rapids. State of the art rafts will carry you alongside inspiring wilderness, glaciers, waterfalls and spectacular wildlife in their natural habitat.

## MULTI-DAY EXCURSIONS

If you've got a few days beyond your business trip, we suggest exploring beyond the city. Here are just a few things you could see and do.

### WHISTLER RESORT

Just two hours from Vancouver on the scenic Sea to Sky Highway you'll find Whistler, a world-renowned ski resort and village (and our co-host of the 2010 Olympics).

### VICTORIA & VANCOUVER ISLAND

A 90-minute ferry ride from Vancouver will bring you to British Columbia's capital city, Victoria (also accessible by floatplane and helicopter).

### THOMPSON OKANAGAN VALLEY

A treat for the eyes and for the taste buds, the Thompson Okanagan Valley is a 4-6-hour drive, or a short flight from Vancouver (to Kamloops, Penticton or Kelowna).

### TOFINO

A ferry ride followed by a few hours by car will lead you to Tofino – a coastal village on the western edge of Vancouver Island known as our province's surfer's paradise.

### ROCKY MOUNTAINEER RAILTOURS

From two-days to 16-days, Rocky Mountaineer offers unique train journeys through the many landscapes of BC and Alberta.

### VANCOUVER ALASKA CRUISE

From May to October, Alaska Cruises offer some of the world's most spectacular scenery.