FALLING WALLS LAB
MANITOBA
SEPTEMBER 13, 2022

FOR CREATORS,
INNOVATORS,
TRAILBLAZERS,
AND VISIONARIES

WIN YOUR
SPOT IN THE
GLOBAL
FALLING
WALLS LAB
FINALE!

FALLING WALLS IS COMING TO MANITOBA

Which wall will your research break? Pitch your innovative idea in just 3 minutes, showcasing a breakthrough that creates a positive impact on science and society.

WHO
Students, entrepreneurs, early-career researchers, & academics of all disciplines

WHAT
Convince a jury of your idea – in 3 minutes!

WHY
Join the growing Falling Walls community of emerging innovators & win your spot in the global Falling Walls Lab finale!

WHERE
University of Manitoba

QUESTIONS
fallingwallsmb@umanitoba.ca

APPLY HERE
falling-walls.com/lab/apply

Deadline: 22 July 2022
CONCEPT

The Falling Walls Foundation founded the Falling Walls Lab in 2011 to:

CONNECT aspiring innovators
DISCOVER and develop talents
SUPPORT interdisciplinary dialogue and international cooperation
DEVELOP new ways of scientific communication
BUILD new and strong networks

TIMELINE

2:00 – 2:25 pm  Welcome and introductory remarks
2:25 – 3:10 pm  Pitches (1-7)
3:10 – 3:30 pm  Networking break
3:30 – 4:20 pm  Pitches (8-15)
4:20 – 5:30 pm  Reception, Sponsored by the Stu Clark Centre for Entrepreneurship
                -  Jury deliberations
                -  Audience voting
                -  Awards ceremony & Group photo

PRIZE

TOP PRIZE:
- A trip to Berlin (travel and accommodations included) to participate in the global Falling Walls Lab Finale (November 7th) to compete to become the Breakthrough Winner of the Year in the Emerging Talents category
- Ticket to the Falling Walls Science Summet (November 7-9) and exclusive extended program
- 1-on-1 coaching from pitch experts prior to Global Finale presentation
- $1000
- Additional 1-on-1 training at a European lab of their choice through EURAXESS Worldwide, and $500 to assist in travel to that lab location

2ND PRIZE, Sponsored by Research Manitoba: $750

3RD PRIZE: $500

AUDIENCE CHOICE: $500
Joshua Zaporzan
Joshua is a skilled strategist, marketer, entrepreneur, and start-up enthusiast with a passion for building businesses, implementing change, and challenging the status quo. Joshua has built, invested in, and led several successful new ventures, such as Longball Athletics, a Canadian golf & lifestyle apparel company with distribution throughout North America. He is the Owner & President of Audax Ventures. Joshua is a partner of Triact Digital, CEO of H2MB, and Chair of the Young Associates’ Board of Directors.

Darrell Brown
Darrell is a Cree business owner based in Winnipeg. Darrell is President of Kisik Commercial Furniture and Kisik Clean Energy and a founding member of the Aboriginal Chamber of Commerce based in Manitoba. He holds an Advanced Diploma in International Business from Red River College and a Certificate of Indigenous Leadership, Governance and Management Excellence from the Banff Centre. Darrell is an associate with Lumos Energy and is Chair of the Indigenous Clean Energy Network.

Paul Card
Paul is a serial entrepreneur who has founded, scaled and mentored various Winnipeg-based startups. He is currently the VP of Technology for Neo Financial and holds a BSc, MSc. and PhD. from the University of Manitoba. Previously Paul was the founder and CEO of 151 Research Inc., the Innovation Manager for Canadian Tire Corp., Director of R&D for Securis Inc., and Sr. Researcher for TRLabs of Canada.

Andrea Legary
Andrea is the Chief Science and Technology Officer with The Recoup Group, assisting clients in accessing the Scientific Research and Experimental Development tax credit. She began her career as a Professional Engineer with Magellan Aerospace, where she worked on a number of high-profile projects. Andrea volunteers on a number of boards including as Chair of the board for Research Manitoba, as Chair of the Finance and Audit Committee for the Enterprise Intelligence and Machine Learning Initiative (EMILI), and as a Director with West Canitest R&D (WestCaRD).

Catherine Metrycki
Catherine is the Founder and CEO of Callia, a tech-enabled best experience gift delivery company working across Canada and the US. Callia was featured on CBC’s Dragon Den in 2019 & 2021. Catherine holds a Bachelor of Commerce (Marketing) from the University of British Columbia. She sits on the board of the Manitoba Technology Accelerator and is a mentor through the Start-Up Visa program. She has taught Sales and Marketing at the University of Manitoba and Red River College.

Wenlong Yuan
Wenlong is the Stu Clark Chair in Entrepreneurship and Innovation at the Asper School of Business, at the University of Manitoba. His main research interests cross entrepreneurship, strategy, and international business. His work currently focuses on effectuation strategies of start-ups, the impact of top management teams’ (TMTs) characteristics on middle-level entrepreneurial activities, and entrepreneurial learning from failure.
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<th>Presenter</th>
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<td>Mohammad Nadimi</td>
<td>Faculty of Agricultural and Food Sciences, University of Manitoba</td>
<td>Breaking the Wall of World Hunger</td>
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<td>Turaç Aydogan</td>
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<td>Jhannelle Francis</td>
<td>Faculty of Science, University of Manitoba</td>
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<td>Rady Faculty of Health Sciences, University of Manitoba</td>
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<td>Natasha Theriault</td>
<td>Faculty of Science, University of Manitoba</td>
<td>Breaking the Wall of Vaccine Equity</td>
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<td>Logesh Dhanapal</td>
<td>Faculty of Agricultural and Food Sciences, University of Manitoba</td>
<td>Breaking the Wall of Plant-based Meat Sector: Smart Sensing</td>
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<td>Ruchira Nandasiri</td>
<td>Faculty of Agricultural and Food Sciences, University of Manitoba</td>
<td>Breaking the Wall of Oilseeds</td>
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<td>Kiarash Shamsi</td>
<td>Faculty of Science, University of Manitoba</td>
<td>Breaking the Wall of Charitable Donations</td>
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10 Kimberly Dunthorne  
Faculty of Science, Brandon University  
Breaking the Wall of Freshwater Pollution

11 Calvin Howard  
Rady Faculty of Health Sciences, University of Manitoba  
Breaking the Wall of Dementia Diagnosis

12 Chitra Sivakumar  
Faculty of Agricultural and Food Sciences, University of Manitoba  
Breaking the Wall of Pulse Flour Formulation in Staple Foods

13 Mun Kim  
Faculty of Science, University of Manitoba  
Breaking the Wall of Genetic Detection using Biosensors

14 Titus Olukitibi  
Rady Faculty of Health Sciences, University of Manitoba  
Breaking the Wall of Flu / Covid-19 with a Novel Bivalent Vaccine

15 Payam Peymani  
Rady Faculty of Health Sciences, University of Manitoba  
Breaking the Wall of Adverse Drug Events and Medication Error

PARTNERS
FALLING WALLS LAB

[Logos and affiliations]