



SEPTEMBER 13, 2022

FALLING WALLS LAB MANITOBA

FALLING
WALLS
LAB

The organizers are independent partners of the Falling Walls Foundation.



University
of Manitoba

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 <ul style="list-style-type: none">- 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 Summit (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

EMCEE

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.

JURY

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 TRILabs 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.

PRESENTERS

- 1 Mohammad Nadimi**
Faculty of Agricultural and Food Sciences, University of Manitoba
Breaking the Wall of World Hunger
- 2 Turaç Aydoğan**
Faculty of Science, University of Manitoba
Breaking the Wall of Open Science
- 3 Sadegh Marzban**
Faculty of Engineering, University of Manitoba
Breaking the Wall of Mixed Dementia Diagnosis
- 4 Jhannelle Francis**
Faculty of Science, University of Manitoba
Breaking the Wall of Ineffective Wastewater Treatments
- 5 Andrew Tse**
Rady Faculty of Health Sciences, University of Manitoba
Breaking the Wall of Prenatal Therapy with Nanoparticles
- 6 Natasha Theriault**
Faculty of Science, University of Manitoba
Breaking the Wall of Vaccine Equity
- 7 Logesh Dhanapal**
Faculty of Agricultural and Food Sciences, University of Manitoba
Breaking the Wall of Plant-based Meat Sector: Smart Sensing
- 8 Ruchira Nandasiri**
Faculty of Agricultural and Food Sciences, University of Manitoba
Breaking the Wall of Oilseeds
- 9 Kiarash Shamsi**
Faculty of Science, University of Manitoba
Breaking the Wall of Charitable Donations

- 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

