

FALLING WALLS LAB SEATTLE

May 16, 2024
4:00 p.m. – 8:00 p.m.

CoMotion at University of Washington
1100 Campus Parkway Northeast, Suite 200
Seattle, WA 98105

FALLING
WALLS
LAB



DFG Deutsche
Forschungsgemeinschaft
German Research Foundation

W **COMOTION**
Your Innovation Partner

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

4:00 pm	Participant arrival and registration
4:30 pm	Welcoming Remarks
5:00 pm	Pitches
5:45 pm	Short Break
6:00 pm	Pitches
6:45 pm	Break
7:15 pm	Awards ceremony / Group picture
7:30 pm	Farewell reception

JURY

Zahar Barth-Manzoori, Ph.D.

Director

German Center for Research and Innovation (DWIH) San Francisco

Dr. Zahar Barth-Manzoori took over the position of Director of the DWIH San Francisco in January 2022. After completing her doctorate in Middle Eastern Studies at the Christian-Albrechts-Universität zu Kiel – supported by a scholarship from the German Academic Scholarship Foundation – she began working at the DAAD in Bonn in 2011 as head of the Events and Visitor Programs section. In 2015, she took over the position as Head of Section Joint Scholarship Programs Middle East, North Africa, returning to her professional roots. From May 2020 until her departure for San Francisco, she played a leading role in setting up DWIH San Francisco as head of the DWIH management office at DAAD. As an experienced science manager and passionate networker, she is particularly looking forward to initiating international university collaborations, fostering knowledge transfer between research, business, and society, and supporting research-based innovation in San Francisco.

Bart Treece

Director of the Mobility Innovation Center

CoMotion

Bart Treece is the Director of the Mobility Innovation Center at CoMotion. Prior to joining the team, he spent 10 years at the Washington State Department of Transportation working on various projects, issues, and initiatives. Bart also spent 12 years as a broadcast journalist in Austin, Phoenix and Seattle markets.

He earned a Bachelor of Science in Justice Studies from Arizona State University and holds a Master of Sustainable Transportation from the University of Washington school of Civil and Environmental Engineering. Bart is a certified Professional Transportation Planner® (PTP), and a member of the American Planning Association and the Institute of Transportation Engineers.

In his free time, he enjoys watching soccer, cooking, hitting the road to travel, explore the outdoors, run, and ride his bike. He lives in Seattle with his wife, two sons and their cat.

Chiara Pierobon

DAAD Professor

University of Washington

Dr. Chiara Pierobon is DAAD Visiting Professor at the University of Washington and Co-Editor of the Springer Open Access Publication Series “Transformation and Development in the OSCE Region” at the OSCE Academy in Bishkek (Kyrgyzstan). She holds a bi-national PhD in Sociology and Social Research awarded by the University of Bielefeld (Germany) and the University of Trento (Italy). Her main areas of expertise are Germany and EU’s support to civil society in Central Asia, promotion of democracy, human rights and sustainable development, prevention of violent extremism (PVE), public diplomacy, social capital and resilience. Her studies have been published in peer-reviewed journals, such as the Central Asian Affairs, Central Asian Survey, Development Policy Review, Evaluation and she has been author and/or contributor of edited volumes from Nomos, Palgrave Macmillan, Routledge, Sage and Springer. In the past years, Dr. Pierobon served as manager and executive director of education exchange initiatives in Europe and Russia funded by the European Commission and the DAAD, and of collaborative research projects in Central Asia funded by the Volkswagen Foundation. Dr. Pierobon is former Visiting Professor for Macrosociology and European Societies at the Otto-von-Guericke University Magdeburg (Germany) and at the Asia-Europe Institute (AEI) of Malaya University (Malaysia) and former Visiting Scholar at American University of Central Asia (Kyrgyzstan), German Kazakh-University (Kazakhstan), University of California/Berkeley (USA) and St. Petersburg State University (Russia). In addition to her academic activities, she has been active as consultant and trainer for international organizations, NGOs and think-tanks such as DVV International / Regional Office for Central Asia, Europe-Central Asia Monitoring (EUCAM), European Neighbourhood Council (ENC) and the UNESCO Cluster Office for Central Asia.

Lisa Norton, Ph.D.

*Director of Licensing, Physical Sciences, and Engineering
CoMotion*

Lisa Norton manages a portfolio of medical devices and biomaterials technologies, with a primary focus on ultrasound and medical imaging. She works with UW innovators to define intellectual property rights, evaluate marketing and regulatory processes, create commercialization strategies, and license their technologies. Before joining CoMotion in May 2004, she was a Senior Applications Scientist at Combimatrix, a Washington biotech startup. After completing a BS in biomedical engineering at Cornell University, she worked at the University of Washington in the Department of Medical Genetics prior to pursuing graduate work. She earned a PhD in cell biology and biotechnology from the University of Virginia.

Cheri Fischer

Former Executive, Boeing

Cheri Fischer is a retired Executive of The Boeing Company with 24 years of service. She was a Managing Director of Aircraft Contracts and Engine Contracts, leading and mentoring teams through various phases of high value, complex agreements for Boeing's commercial aircraft division. Prior to this, Cheri was an Account Manager in Customer Engineering supporting Boeing sales teams and working directly with airline and leasing companies from aircraft configuration through aircraft delivery. She has a comprehensive understanding of the complexities of aircraft development, supply chain, finance, and business operations. Before joining Boeing, Cheri worked for various design/engineering contractors at the Hanford Site in southeastern Washington. Cheri obtained a BSME from Washington State University and MBA from Seattle University. She resides in Seattle, Washington with her husband.

Josh Davis

Chief Economic Development Officer, Greater Seattle Partners

Josh Davis has vast global experience as a seasoned economic developer and serves as the Chief Economic Development Officer & SVP for Greater Seattle Partners. Josh is an International Economic Development Council (IEDC)-certified economic developer (CEcD) with an education earned in three continents (Asia, North America, and Europe), including an MBA earned in Seattle's sister city of Kaohsiung, Taiwan. Josh serves on the U.S. Department of Commerce's Investment Advisory Council as appointed by the U.S. Secretary of Commerce Gina Raimondo, the International Economic Development Council's International Advisory Committee, the Washington District Export Council (DEC), as the Private Sector Liaison Officer for the World Bank in the Pacific Northwest, and on the Seattle International Affairs Advisory Board (SIAAB).

Josh has engaged in global trade and FDI conversation on local, regional, national, and international levels. He has led numerous trade missions abroad in collaboration with the public and private sectors. These include outbound missions to India, China, Japan, Norway, Iceland, and Korea, as well as the Paris, Farnborough, and Dubai air shows. Before joining GSP in 2021, Mr. Davis directed aerospace and aviation, international investment and trade, and other economic development activities. Cross-organization collaboration and finding synergies are hallmarks of his leadership style. Josh has created strong relationships with many institutions including World Bank, Export-Import Bank of the United States, consular corps, foreign chambers of commerce, and many public-private partnerships.

PRESENTERS

- 1 Melanie Anderson**
University of Washington
Aerial Odor Localization
- 2 Hojun Choi**
University of Washington
Cell Signaling Control
- 3 Chelsea Anne Gichohi**
University of Washington
Asthma Triggers
- 4 Nicole Gunderson**
University of Washington
Surgical Accuracy
- 5 Ravi Holani**
University of British Columbia
Life Science
- 6 Tristan Jafari**
University of Washington
CPR Training
- 7 Ruby Lai**
Stanford University
Water Treatment and Reuse
- 8 Jerred Mace**
University of Washington
Access to Live Sports
- 9 Ann Mathew**
University of Washington
Social Isolation
- 10 Putthida Samrith**
UW Tacoma
Curb Chaos
- 11 Ethan Schwartz**
University of Washington
Scalable Solar
- 12 Lakshita Singh**
University of Washington
Alzheimer's Disease
- 13 Alabhya Singh Thakur**
University of Washington
Breast Cancer Screening
- 14 Carlee Toddes**
University of Washington
Pain Dogma

FALLING WALLS LAB SEATTLE

WHICH ARE
THE NEXT
WALLS
TO FALL?

The organizers are independent partners of the Falling Walls Foundation.

IN COOPERATION WITH



THANK YOU TO OUR PARTNERS AND SUPPORTERS

Supporting Partner

SARTORIUS

Network Partners



FEEDBACK

What was your impression of Falling Walls Lab?
Do you have suggestions for improvement?

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