

Stephanie Willerth

Associate Professor and Canada Research Chair in Biomedical Engineering at University of Victoria
Victoria, BC, CA

I run an internationally recognized research group focused on stem cell bioengineering.

Biography

Dr. Willerth holds a Canada Research Chair in Biomedical Engineering at the University of Victoria where she holds dual appointments in the Department of Mechanical Engineering and the Division of Medical Sciences as an Associate Professor. Her honors include being a 2015 Young Innovator in Cellular and Biological Engineering and being named a "Star in Global Health" by Grand Challenges Canada in 2014. She spent Fall 2016 on sabbatical at the Wisconsin Institute for Discovery supported by the International Collaboration on Repair Discoveries International Travel Award.

Industry Expertise

Biotechnology, Mechanical/Industrial Engineering

Areas of Expertise

Stem Cells, Biomaterials, Drug Delivery Systems, Tissue Engineering, Neuroscience, Biomedical Engineering

Affiliations

Department of Biochemistry University of British Columbia, Wisconsin Institute for Discovery

Education

Washington University

Ph.D. Biomedical Engineering

Washington University

M.S. Biomedical Engineering

MIT

S.B. Chemical Engineering

MIT

S.B. Biology

Accomplishments

Woman of Innovation

Selected by the Metallurgy and Materials Society of CIM as one of their Women of Innovation: The Influence of Leading Canadian Female Engineers. My biography will be featured as part of a published book.

Women Bringing Technology to Medicine

I was selected by the Ontario Chair for Women in Science and Engineering to participate in their Inspire: Women Bringing Technology to Medicine feature on their website.

ICORD International Travel Award

I received an international travel award from the International Collaboration on Repair Discoveries to support my sabbatical during the Fall of 2016 at the University of Wisconsin-Madison.

Young Innovator in Cellular and Molecular Bioengineering

I was named a Young Innovator in Cellular and Molecular Bioengineering by the Biomedical Engineering Society and I was the only researcher at a Canadian University to receive this prestigious honor.

American Association for Clinical Chemistry – Outstanding Speaker Award

I was honored by the American Association for Clinical Chemistry based their member's evaluation of one my research presentations.

University of Victoria – Faculty of Engineering Award for Excellence in Teaching

I won the teaching award for my faculty.

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