

Awards

2023 **Alexander von Humboldt Fellowship**
2022 **Fellow of the Biomedical Engineering Society**
2022 **Tier I Canada Research Chair in Organ-on-a-Chip Engineering**
2022 **Acta Biomaterialia Silver Award**
2021 **Safwat Zakay Research Leader Award**, Faculty of Applied Science and Engineering, UofT
2020 **Senior Member Massey Collage**
2020 **Killam Fellowship**
2019 **Engineering Medal for Research and Development, Ontario Professional Engineers**
2019 **Engineering Medal for Research and Development**, Ontario Professional Engineers
12/2019 Tissue Engineering & Regenerative Medicine Society-AM, **Innovation & Commercialization Award**
02/2018 **Stecie Prize for Natural Sciences, Trustees of the E.W.R. Steacie Memorial Fund**
03/2018 **YWCA Toronto Women of Distinction Award, Honouring Women in Canada**
09/2018 **Fellow Tissue Engineering and Regenerative Medicine Society**
05/2017 **Dr. E. R. Smith Lectureship in Cardiovascular Research Award**, Libin Cardiovascular Institute, University of Calgary
08/2017 **Top 150 alumni**, as an outstanding **McMaster Engineering** Graduate
11/2017 **Fellow, Royal Society of Canada (RSC), Academy of Science, Applied Sciences and Engineering Division**
06/2016 **Fellow, Canadian Academy of Engineering**
03/2015 **Fellow of the American Institute for Medical and Biological Engineering (AIMBE)**
10/2015 **Hatch Innovation Award**, Canadian Society of Chemical Engineers
02/2014 **E.W.R. Steacie Memorial Fellowship**, NSERC
09/2014 **Royal Society of Canada**, member of The College of New Scholars, Artists and Scientists
02/2013 **Queen Elizabeth II Diamond Jubilee Medal**
05/2013 **University of Toronto Inventor of the Year Award** (with Axel Guenther, Liang Leng, Arianna McAllister, Andrew Woollard and Boyang Zhang)
06/2012 **Engineers Canada Young Engineer Award**
07/2012 **McLean Award, University of Toronto**
01/2011 **Connaught Innovation Award**; University of Toronto
07/2011 **Young Engineer Award**; Professional Engineers Ontario, Ontario Society of Professional Engineering
11/2011 **Canada Research Chair Functional Cardiovascular Tissue Engineering (Tier 2)**
01/2010 **2010's People to Watch**; Toronto Star
04/2010 **NSERC Discovery Accelerator Supplement**
06/2010 **McMaster Arch Award**, McMaster University Alumni Association,
06/2010 **Scientist to Watch**; named by the Scientist Magazine

04/2009 **Breaking the Glass Ceiling Award**; Women in Science and Engineering Club, University of Toronto

08/2008 **MIT Technology Review Top 35 Innovators under 35 (TR35)**

08/2007 **Early Researcher Award**; Ministry of Research and Innovation, Ontario

07/2003 **Cambridge Science Foundation Travel Grant**

05/ 2002 **Poitras Pre-Doctoral Fellowship**; awarded for studies in biomedical engineering, MIT

06/2000-06/2004 **Studenica Foundation Graduate Fellowship**

04/1999 **The Presidential Graduate Fellowship**; awarded by the Department of Chemical Engineering, Massachusetts Institute of Technology for exceptional record and promising future

06/1999 **The Canadian Society of Chemical Industries Merit Award**; awarded to Chemical Engineering graduate with the highest cumulative average

02/1998 **CSCHE Student Paper Award (2nd Place)** "The role of defoamers in brownstock washing"

09/1998 **The Herbert A. Ricker Scholarship**; awarded for academic excellence, McMaster University

11/1998 **The Chancellor's Gold Medal**; the highest University award for undergraduate students, awarded for academic excellence, leadership and influence, McMaster University

10/1997 **ICI Canada Inc.** Scholarship for outstanding performance in Level Two Chemical Engineering, McMaster University

11/1997 **The Mabel Stoakely Scholarship**; awarded for outstanding academic achievement and leadership, McMaster University