



The Engineering Institute of Canada

2022 Award Citation

EIC Fellow



Aimy Bazylak

Nominated by the Canadian Society for Mechanical Engineering

As the Canada Research Chair for Thermofluidics in Clean Energy at the University of Toronto, Aimy Bazylak is working to advance fuel cells, electrolyzers and batteries for clean power production and energy storage without greenhouse gas emissions. Her research is focused on the use of modelling and real-time imaging to design new materials for high efficiency and performance.

She has partnered with automotive and energy companies such as Nissan, Volkswagen and Hydrogenics Corp. to develop next-generation fuel cells and electrolyzers for higher efficiency, zero-greenhouse gas emission power and energy storage.

Professor Bazylak has served as the Director of the University of Toronto's Institute for Sustainable Energy and Acting Vice-Dean, Undergraduate for Engineering, and has been a member of the President's Committee on the Environment, Climate Change, and Sustainability since 2017.

Her contributions have earned her several prestigious awards, including the CSME I.W. Smith Award, the Alexander von Humboldt Fellowship, and the Helmholtz International Fellow Award. She is a member of the Royal Society of Canada's College of New Scholars, Artists and Scientists and a Fellow of the Canadian Society for Mechanical Engineering and the American Society of Mechanical Engineers.

Ladies and gentlemen, and Ms. President, please welcome Aimy Bazylak as a Fellow of the Engineering Institute of Canada.