The Engineering Institute of Canada

2020 Award Citation

EIC Fellow

Michael Carter

**Nominated by the Canadian Region
of the Institute of Industrial and Systems Engineers**

Michael Carter is a professor in the University of Toronto's Department of Mechanical and Industrial Engineering, and the founder and Director of the Centre for Research in Healthcare Engineering. He is recognized internationally as a leader in systems engineering approaches to healthcare, influencing health policy and practice throughout Canada through his leadership positions, educational initiatives, and work with healthcare organizations.

He is using simulation modelling and other operations research tools to help the healthcare industry make decisions that will improve quality, reduce costs and increase efficiency. He has been a pioneer in demonstrating the important role of engineering in Canada's health care system; the tools he has created are used by government and healthcare organizations throughout the country.

Michael also created one of Canada's first healthcare engineering courses and spearheaded the creation of the Master of Health Care Engineering program at the University of Toronto. He is a Fellow of the Institute for Operations Research and Management Science (INFORMS), the Canadian Academy of Health Sciences, and the Canadian Academy of Engineering, and a recipient of the Canadian Operational Research Society Award of Merit for lifetime contributions to operations research. He has also received several teaching awards.

Ladies and gentlemen, and Mr. President, please welcome Michael Carter as a Fellow of the Engineering Institute of Canada.