



The Engineering Institute of Canada 2019 Award Citation

EIC Fellow



Phillip Choi

Nominated by the Canadian Society for Chemical Engineering

Phillip Choi is Professor of the Department of Chemical and Materials Engineering at the University of Alberta and is a registered professional engineer in the province of Alberta and a Fellow of the Chemical Institute of Canada. He is a devoted chemical engineering educator and a recognized expert in polymer science and engineering and molecular simulation. He was named the McCalla Professorship in 2007 at the University of Alberta and won the Faculty of Engineering Undergraduate Teaching Award in 2008 recognizing his dedication to undergraduate education. He has graduated 104 students who did their thesis work with him.

Phillip is the co-author of a textbook entitled "The Elements of Polymer Science and Engineering," 3rd edition (2013) published by Elsevier, 3 book chapters, 116 referred journal publications and one US patent. His current research interests lie in the areas of design/development of synthetic and bio-based polymers for applications involving controlled release of drugs and fertilizers and of solvent extraction of oil sands, respectively. Prof. Choi is also an active consultant to various multinational organizations on issues related to polymer products development and polymer failure analysis.

Ladies and gentlemen, and Mr. President, please welcome Dr. Phillip Choi as a Fellow of the Engineering Institute of Canada.