

Canadian Society for Chemical Engineering Board of Directors Nominations (2017–2018)

The CSChE received federal approval of its new By-laws in February 2014 to meet the requirements for the Canada Not-for-Profit Corporations Act. Under the Act, elections are for directors to the Board. At their first meeting upon election, the directors will be appointed as officers or to a portfolio. The positions specified below will be assigned to these candidates at the first meeting of this Board, if elected.

The appointed Nominating Committee, led by Santiago Faucher, CSChE Past President, has proposed the candidates listed below for election to the Board of Directors in 2017–2018. Further nominations for any position may be made in writing by any 10 or more voting Members of the corporation and e-mailed to info@cheminst.ca. Each nomination must be accompanied by the candidate's written agreement to serve if elected, a curriculum vitae and a recent photograph. The deadline for receipt of additional nominations is Friday, September 22, 2017. If any elections are required, ballots will be sent out in October. Those elected, whether by ballot or acclamation, will take office immediately following the Annual General Meeting (AGM) of the Canadian Society for Chemical Engineering on Tuesday, October 24, 2017 in Edmonton, Alta.

Donna Jean Kilpatrick

Fisheries and Oceans Canada

To be elected for two years 2017–2019

President 2017–2018

Past President 2018–2019

Donna Jean Kilpatrick holds a BSc in chemical engineering from Queen's University (1980) and a master's degree in engineering management from the University of Ottawa. She began her career with nine years in the petroleum and chemicals industries working for Esso Chemicals Canada, Imperial Oil and Betz Chemicals Canada. During this time she gained experience in industrial projects and production plant process operations and equipment maintenance as well as health, safety and environment and Responsible Care programs. Subsequently, as a professor at Algonquin College, she spent nine years teaching technical courses and overseeing student design and research projects in chemical engineering, materials science, environmental engineering and mechanical engineering technologies.

Kilpatrick has worked for the federal government since 2000 including research at NRCAN on innovative processes for carbon dioxide capture at coal burning power plants. From 2000–2008 she worked for Environment Canada where, as head of the Chemical Production Industries group, she led the development of new standards and regulatory instruments to control air emissions of toxic substances and greenhouse gases from Canadian industrial facilities. Since 2008, Kilpatrick has held the position of director, engineering and technical services in the Small Craft Harbours program at Fisheries and Oceans Canada. Her responsibilities include federal infrastructure asset management, environmental regulatory compliance and addressing issues related to climate change and contaminated sites.

From 2009–2014 Kilpatrick served on the board of directors of the Ottawa Valley Chapter of the Air and Waste Management Association (A&WMA) where she held the positions of secretary, vice-chair, chair and past-chair. She also served on the 2013 A&WMA Canadian Events Organizing Committee and the 2013 nominations committee for the international

A&WMA Board elections. Kirkpatrick currently serves as treasurer on the board of directors of the Real Property Institute of Canada.

David Beckman

Zeton

To be elected for three years 2017–2020

Vice-President 2017–2018

President 2018–2019

Past President 2019–2020

David Beckman, P.Eng, is President and CEO of Zeton Inc., a company that specializes in the design and fabrication of pilot, demonstration and modular production plants for process development applications for customers worldwide. Beckman was one of the founders of the company and has been involved with all aspects of the company's growth from a small start-up business to the world leader in its specialty niche. He has been involved in process development and scale up applications for over thirty years, including pilot and demonstration plants for bioenergy applications, many new and alternative energy and petroleum processes and new chemical processes. Beckman obtained Bachelors and Masters of Applied Science degrees in chemical engineering from the University of Toronto. He was chair of SCI Canada for many years until 2016. He is also on the Board of Advisors for the University of Toronto, Department of Chemical Engineering.

Uttandaraman Sundararaj

University of Calgary

To be elected for one year

Past President 2017–2018

Uttandaraman (U.T.) Sundararaj is professor in the Department of Chemical and Petroleum Engineering at the University of Calgary. Previously, he was a professor at the University of Alberta for 12 years and worked for four years in R&D with the General Electric Company. He received his BSc from the University of Alberta in 1989 and his PhD from the University of Minnesota in 1994, both in chemical engineering. Sundararaj's main research interests are in polymer blend and nanocomposite structure generation, modelling of polymer processes, and hybrid polymer nanocomposites using novel nanomaterials. He has supervised 12 post-doctoral fellows, 26 PhD students and ten MSc students.

Sundararaj has been involved in CIC/CSChE activities over the past two decades including participation with the Calgary CSChE Local Section and faculty advisor to the CSChE student chapter. He was a member of the organizing committee in 1997 and conference chair in 2015 for the Canadian Chemical Engineering Conferences.

Sundararaj has published more than 200 refereed publications and holds several patents. He received several teaching and research awards including the International Polymer Processing Society's Morand Lambra Award, the Alexander von Humboldt Research Fellowship, the 3M National Teaching Fellowship, and the CIC Award for Chemical Education. He has given more than 30 plenary and keynote presentations at major national and international conferences

Gregory Patience

École Polytechnique

To be elected for a three-year term

Director of Divisions and Local Sections 2017–2020

Gregory Patience holds a Canada Research Chair in high temperature, high pressure heterogenous catalysis and is professor of chemical engineering at Polytechnique Montréal. He has published two books – *Experimental Methods and Instrumentation for Chemical Engineers* and *Communicate Science Papers, Presentations and Poster Effectively* – and filed 14 patents and published 120 scientific articles. Together with process development, his research focuses on catalysis and gas-solids fluidization applied to biodiesel from waste fat and oils, (2) producing carboxylic acid from glucose, xylose and lignin, (3) converting waste natural gas to Fischer-Tropsch fuels, (4) deriving value added chemicals from glycerol, and (5) synthesizing carbon coated LiFePO₄ for batteries.

Patience started his career at DuPont in 1990. He helped develop fluidized bed catalysts in Delaware and joined the commercial team in 1996 in Spain. In 2000, he moved to Lycra® and managed the Fibres Technology Laboratory in Geneva and was the technology lead for new business development and circular knits.

Patience was industrial program director for the 8th World Congress in Chemical Engineering in 2009. He is a member of the CSChE Strategic Initiatives Committee.

CSChE Directors continuing on the Board are:

- **Sarah Creber**, Royal Military College, Director of Student Affairs (2014-2017) to be extended one year.
- **Brian Lowry**, University of New Brunswick, Director of Conferences (2015–2018)
- **Richard Piette**, Suncor Energy, Director of Industrial Liaison West (2015–2018)
- **Rachel Murdy**, Lallemand Biofuels & Distilled Spirits, Director of Industrial Liaison East (2016–2019)
- **Nathalie Tufenkji**, McGill University, Treasurer (2015–2018)
- **João Soares**, FCIC, Publications and Continuing Education and Editor-in-Chief, *Canadian Journal of Chemical Engineering*
- **Simant Upreti**, Ryerson University, Director of Awards (2016–2019)
- **Nathalie Tufenkji**, McGill University, Treasurer (2015–2018)