



May 31, 2017

Ms. Cathy Saunders, City Clerk  
The Corporation of the City of London  
300 Dufferin Ave.  
London, ON N6B 1Z2

**Re: London Hydro Board Candidates**

Dear Ms. Saunders:

As you are aware, recruitment is underway for a Class II Board member on London Hydro's Board, replacing retiring member, Mr. Peter Johnson. While I am aware the deadline is June 2<sup>nd</sup>, 2017 for candidates to apply, I wish to take this opportunity to share with you the desired skills and qualifications of an ideal candidate which would fulfill the Board's governance needs going forward.

Taking succession planning requirements into consideration, at this time I would strongly request to recruit a candidate with engineering skills combined with a good understanding of information technology. An example of such a candidate would be the likes of Dr. Andrew Hrymak, the current Dean of Western Engineering. Dr. Hrymak is not only an accomplished engineer, but he is also a strong leader in innovation as well. As such, I have invited Dr. Hrymak to apply for this position. Failing that, an alternative preference would be a candidate who is an accomplished and adept business professional. An example of such a professional is Ms. Carol Stephenson who is the former Dean of the Richard Ivey School of Business at Western University.

Again, remaining vigilant to ensuring that a proper mix of skills and qualifications are represented on the Board, at this time, I do not believe that the Board requires any candidate with legal expertise.

Given the short deadline for submission, I would appreciate if you would consider this letter as the formal application for Dr. Hrymak and Ms. Stephenson. For Dr. Hrymak, a copy of his CV is attached hereto for consideration. I have also contacted Ms. Stephenson separately to submit her CV for consideration.

Sincerely,

A handwritten signature in black ink that reads "Mohan Mathur".

Mohan Mathur  
Chair, Board of Directors  
London Hydro Inc.

c.c.                    Councillor Michael van Holst  
Attach                CV Dr. Andrew Hrymak

CURRICULUM VITAE

**NAME** Andrew Nick Hrymak

**WORK ADDRESS** The University of Western Ontario  
Spencer Engineering Building  
London, Ontario CANADA N6A 5B9  
PH: 519-850-2359 F: 519-850-2399  
ahrymak@uwo.ca - www.eng.uwo.ca

**EDUCATION**

B.Eng.	McMaster University	Chemical Engineering	1980
Ph.D.	Carnegie Mellon University	Chemical Engineering	1985

**CURRENT STATUS**

- Dean and Professor, Faculty of Engineering, University of Western Ontario, 2009-
- Adjunct Professor, Department of Chemical Engineering, and Department of Mechanical Engineering, McMaster University, 2009-2014
- Registered Professional Engineer, Ontario (1999, #90552050)

**HONORS AND AWARDS**

- Fellow of the Canadian Academy of Engineering (2010)
- Fellow of the Chemical Institute of Canada (2005)
- Excellence in Process Development Research Award by the Process Development Division of the American Institute of Chemical Engineers (2005)

**PROFESSIONAL ORGANIZATIONS**

Member:

American Institute of Chemical Engineers  
Canadian Academy of Engineering  
Canadian Society for Chemical Engineering  
Polymer Processing Society  
Professional Engineers of Ontario  
Society of Plastics Engineers  
Society of Rheology

Board roles (selected):

- Chair, Board of Directors, University Network of Excellence in Nuclear Engineering (UNENE), 2016 – present.
- Chair, Board of Directors, Chemical Institute of Canada, 2016-17 (with Vice Chair and Past Chair roles)
- Chair, Council of Ontario Deans of Engineering (CODE), 2013-15.
- President, International Society for Coating Science and Technology, 2012-2014.
- Member of Ontario Research Fund, Research Excellence, Review Panel for Advanced Manufacturing and Information, Communication and Telecommunications, 2006.

- Chair, 1<sup>st</sup> Vice Chair and 2<sup>nd</sup> Vice Chair, Computing and Systems Division, AIChE, 2003-05. The CAST division of AIChE has more than 700 members and has responsibility for programming at the conferences, scholarships, awards program

#### Editorships and Editorial Boards:

- Computers and Chemical Engineering, Associate Editor (2002-2010)
- International Polymer Processing, Editor-in-chief (2005-2016 )
- Industrial and Engineering Chemistry Research, Editorial Advisory Board (2006-2008)
- Journal of Polymer Engineering (1999-2005)

## EMPLOYMENT HISTORY

University of Western Ontario  
Dean and Professor Chemical Engineering, 2009-

McMaster University  
Professor, 1995 -2009, LOA 2009-2011.  
Associate Professor, 1989-95  
Assistant Professor, 1985-1989 (Tenured, July, 1988)  
Department of Chemical Engineering, McMaster University

Director, Walter G. Booth School of Engineering Practice, 2005-2009  
Project Coordinator, Implementation of Refining Directions (University Strategic Plan), 2004  
Associate Member, Department of Mechanical Engineering, McMaster University  
Director, McMaster Manufacturing Research Institute (MMRI) 2002-2005 (Acting Director, 2001-02)  
Associate Director, Centre for Polymer Processing Analysis and Design (CAPPA-D) 1987-2009

## PAPERS IN REFEREED JOURNALS (Last 5 years)

**Akbarzadeh, V.**, Hrymak, A.N.\*, "Coupled Fluid-Particle Modeling of a Slot Die Coating System", (2016) AIChE Journal, In press.

**Meirson, G.**, Hrymak, A.N.\*, Two-Dimensional Long-Flexible Fiber Simulation in Simple Shear Flow, (2016) Polymer Composites, In press.

**Akbarzadeh, V.**, Hrymak, A.N., Coupled CFD-DEM of particle-laden flows in a turning flow with a moving wall (2016) Computers and Chemical Engineering, 86, pp. 184-191.

**Buck, F.**, Brylka, B, Muller, V., Muller, T., Weidenmann, K.A., Hrymak, A.N., Henning, F., Bohlke, T. \*, "Two-scale structural mechanical modeling of long fiber reinforced thermoplastics", Composites Science and Technology, 117, 159-167 (2015) DOI: 10.1016/j.compscitech.2015.05.020 [German funding]

**Javidi, M.** Hrymak,A.N.\*, "Numerical simulation of the dip-coating process with wall effects on the coating film thickness", J. Coatings Technology and Research, 12, 843-853, 2015 [NSERC Discovery]

**Kargar, A.**, Hrymak, A.N., F. Goodwin, "Near Roll Dross Particle Interactions in a Galvanizing Bath", Iron and Steel Technology, February, 41-46, 2015.[International Zinc Organization]

**Motaghi, A.**, Hrymak, A\*, Motlagh, G., "Electrical Conductivity and percolation threshold of hybrid

carbon/polymer composites”, J. Applied Polymer Science, 132, Article 41744, 2015 [NSERC Discovery, Iranian funding].

**Yang, D.** Hrymak, A.N.\* and **Kedzior, S.** “Kinetics of Isothermal Crystallization of Hydrogenated Castor Oil-in-Water Emulsions”, J Am Oil Chem Soc, **90**, 1743–1750, 2013.

Zhang, Y., Liu, Q.\* , Hrymak, A.N., “Characterization of Extruded Thermoplastic Starch Reinforced by Montmorillonite Nanoclay”, J. Polymers and the Environment, 21, 122-131, 2013.

Yang, D, Hrymak, A.N\*., “Rheology of Aqueous Dispersions of Hydrogenated Castor Oil” J. Applied Rheology, 23, 115-123, 2013

Oza, H., Thompson, M.R,\* Hrymak, A.N. and Liu, Q., “Influence of di-functional versus multi-functional chain extenders on the foamability of a potato-starch based biopolymer”, Starch-Starke, 64, 944-954, 2012

Ranjbar, B., Mirzazadeh, H., Katbab, A.\* , and Hrymak, A.N., “In Situ Vulcanization Process in Preparation of Electrically Conductive PP/EPDM Thermoplastic Vulcanizate/Expanded Graphite Nanocomposites: Effects of Cure”, J Applied Polymer Science, 123, 32-40, 2012.

Chu, J., Kamal, M.R\*., Derdouri, S. & Hrymak, A., "Morphology Development in the Gate Region of Micro Injection Molded Thermoplastics", Polymer Engineering and Science, 52, 787, 2012

Yang, D. , Hrymak, A.N.\*. “Crystal Morphology of Hydrogenated Castor Oil in the Crystallization of oil-in-water emulsions I. The Effect of Temperature”, Industrial and Engineering Chemistry Research, 50, 11585, 2012.

Yang, D. , Hrymak, A.N.\* and Kamal, M.R. “Crystal Morphology of Hydrogenated Castor Oil in the Crystallization of oil-in-water emulsions II. The Effect of Shear”, Industrial and Engineering Chemistry Research, 50, 22594, 2012.

Zhang, Y., Yuan, X. , Liu, Q.\* , Hrymak, A.N., “The effect of polymeric chain extenders on physical properties of thermoplastic starch and polylactic acid blends”, J. Polymers and the Environment, 20, 315, 2012.

Hossein, M., A. Katbab\*, and Hrymak, A.N., “The role of interfacial compatibilization upon the microstructure and electrical conductivity threshold in polypropylene/expanded graphite nanocomposites”, Polymers for Advanced Technologies, 22, 863-869, 2011.