



Award in Design and Industrial Practice

This award is presented to a Canadian citizen or a resident of Canada for innovative design or production activities accomplished in Canada.

Terms of Reference

Deadline: December 1 every year

Sponsor: Ryerson University Department of Chemical Engineering

Award: A plaque and \$1,500 cash

Eligibility: The activities may have resulted in a significant achievement in product or process design, small or large company innovation, or multidisciplinary design-directed research or production. The achievement will relate to the practice of chemical engineering and/or industrial chemistry whether in research and development, process implementation, entrepreneurialism, innovation, production or some combination of these. It may be via a well-known, long-standing reputation for translating chemical engineering principles into design and industrial practice which contributes to the profession as a whole.

The award is open to all chemical engineers and industrial chemists or those practicing these disciplines; it is not restricted to those whose normal employment is in the industrial sphere.

Nominations must include:

- **Citation (250 word maximum)** statement of why the candidate should receive the award. This is the key document in the nomination and this information should be relevant to the achievements for which the award is being offered.
- **Biographical Sketch (maximum one page)** This provides background information on the nominee and summarizes past accomplishments. This is a summary of information obtained from a C.V.
- Curriculum Vitae (maximum nine pages).
- **Supporting Letters (3 to 5)** At least two letters must be from outside the nominee's organization.

Membership in the Institute is not a prerequisite for this award.

All nominations will remain in force for three years. Nominators are responsible for keeping the record of the nominee up to date and complete.

Selection Committee

- CSChE Director of Awards as non-voting Chair
- CSChE Past President
- CSChE Vice-President
- Two past winners of this award

The award shall be presented annually unless the committee considers that no suitable candidate has been nominated.

The award shall be presented at the Canadian Chemical Engineering Conference. The recipient will be required to present an award lecture.



List of Recipients

Date	Award Winner	Award Lecture
2019	Chunbao (Charles) Xu	
2018	Ying Zheng	Heterogeneous Catalysis and Engineering in Green Fuel Production
2017	David Beckman	Scaling Up Bioenergy and Biochemical Process Technology
2016	No award given	
Sponsored by Bantrel		
2015	Biao Huang	Robust Model Identification for Practice: Probabilistic Approaches
2014	Ajay Dalai	Hydrotreating of Bitumen Derived Heavy Gas Oil Using Novel Adsorbent and Catalysis
2013	Kelly Hawboldt	
2012	Franco Berruti	Pyrolytic Conversion of Biomass Residues into Valuable Bio-Iol and Bio-Carbon Products
2011	Choon Jim Lim	Design Implementation in Modern Chemical Engineering Teaching and Research
2010	Donald F. Weaver	The Rise of Micropharma
2009	Zhenghe Xu	Development of Chemical and Materials Engineering
2008	Yonghao Ni	Properties of High Yield Pulps (HYP) and Their Applications to Various Paper Grades
2007	Jesse Zhu	Manipulating Fine Particles for the Best Industrial Practice

CSCHE Award in Industrial Practice

Sponsored by Bayer Inc.

2006	John F. MacGregor	Learning from Industrial Data: the Key to Productivity and Quality Improvement
2005	Larry Seeley	Key Success Factors in Building "Lakefield Research Limited" into a Worldwide International Technology Knowledge Service Company
2004	Victor Uloth	Investigations into the Variability and Control of Dioxins Formation and Emissions from Coastal Power Boilers
2003	Murray Gray	
2002	Phillip J. Simmons	
2001	Hugo de Lasa	
2000	Enno Agur	
1999	Keith Marchildon	
1998	J.M. Hay	
1997	Laurier L. Schramm	
1996	M. A. Poirier	
1995	K.T. Chuang	
1994	Garry Rempel	
1993	P. Fink	
1992	Jacob Masliyiah	
1991	T. Hoffman	
1990	A. W. Hyndman	
1989	DuPont Canada Inc.	
1988	N. E. Cooke	
1987	E. T. Tollefson	
1986	No award	
1985	J. Mardon	
1984	T. Courtnage	
1983	Sherritt Gordon Mines	
1982	H.C. Prime	
1981	R.S. Dudley	
1980	E. N. Banks	
1979	K. Pugi	
1978	R. F. Routledge	
1977	J. F. Gilbert	