



Chemical Institute of Canada
Institut de chimie du Canada

CIC Award for Chemistry Education

Terms of Reference

This award is presented as a mark of recognition to a person who has made an outstanding contribution in Canada to education at the post-secondary level in the field of chemistry or chemical engineering.

Deadline

July 2 of every year.

Sponsor

CIC Chemical Education Fund

Award

A framed scroll, \$1,500 cash.

The award shall be presented at the annual Canadian Chemistry Conference and Exhibition or Canadian Chemical Engineering Conference. The recipient will be required to present an award lecture.

Supporting letters

Supporting letters for this award might include such information as

- description of special methods and procedures (models, instruments, computer programs, etc.), reorganization of course content, innovations in teaching methods and professional activities of the candidate.
- Details of teaching effectiveness are important, i.e. testimonials from students describing the effect of the nominee on their attitudes towards chemistry, and teaching awards that the nominee has received with the component of student evaluation described.
- Details of chemical education activities such as publications, lectures, curriculum development and administrative positions are also useful.

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 (250 word maximum) 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 9 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 receiving this award.

If the nominee has previously received awards by the CIC and/or Societies, the nominator has to differentiate the current achievement from those that have been previously recognized.

The nomination shall remain in force for three consecutive odd years. Nominators are responsible for keeping the record of the nominee up to date and complete.

No award will be given out, if less than 3 nominations for the award are received or if the Committee considers that no suitable candidate has been nominated.

Selection Committee

- CSC or CSChE Director of Awards as non-voting Chair
- Chair of the Chemistry Education Division
- Immediate Past Chair of the Chemistry Education Division
- CSC and CSChE Directors, Education and Student Affairs
- In the event of a conflict of interest, the Division Chair shall designate an alternative member of the Executive to serve on the award jury

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

Complete list of recipients

- 2019 W. Stephen McNeil, "What's Next? The Ongoing Impacts of CSC Chemistry Education Symposia on Scholarly Teaching, Curriculum Reform and Educational Research"
- 2018 Margaret-Ann Armour, "My Teaching Odyssey"
- 2017 Charles A. Lucy, "Welcome to My Classworld: Engaging in Large Chemistry Classes And Beyond"
- 2016 Glen R. Loppnow, "The Bonds that Tie: The Things We Don't Teach, but Students Learn, in First-year Chemistry"
- 2015 David Stone, "What You Don't Know Shouldn't Hurt your Students: Why Good Educational Research Matters"
- 2014 Uttandaraman Sundararaj, "Electrically Conductive Polymer Nanocomposites for Electromagnetic Shielding and Charge Storage Applications"
- 2013 Stanislaw Skonieczny, "Teaching Chemistry in Small, Medium and Large Classes"
- 2012 Dietmar Kennepohl, "Game Changers: Learning Chemistry in the 21st Century"
- 2011 Mel Usselman, "An Old Dog Can Learn New Tricks"
- 2010 Andrew Dicks, "How You Can (and Why You Should) "Green "Your Undergraduate Lab Curriculum"
- 2009 Normand Voyer, "Promoting Chemistry and Improving Chemistry Curriculum"
- 2008 Geoffrey Rayner-Canham, "General Chemistry: Fossilized or Futurized?"
- 2007 Robert Burk, "Teaching with Technology in First Year Chemistry: A 10 Year Confluence of Expediency, Opportunities and Demand"
- 2006 Gordon Bates, "Don't Be Afraid to Say "Yes" - You Can Make a Difference"
- 2005 Ron Martin, "Ignorance, Greed and the University"

Union Carbide Award for Chemical Education

Sponsored by Union Carbide

- 2004 Lewis Brubacher
- 2003 Peter G. Mahaffy

2002 Mary Anne White
2001 Judith Poë
2000 Murray Brooker
1999 R. Kydd
1998 R. C. Thompson, "Integrating the Sciences in the First Year University Curriculum."
1997 R. E. McClung, "Can an Academic Advisor Really Help?"
1996 P. E. Wood, "Panel Discussion: McCabe-Thiele and Friends in the Future."
1995 Marie Macbeath
1994 Josef Takats
1993 Elizabeth A. Dixon
1992 Nigel Bunce
1991 David A. Humphreys
1990 Donald E. Irish
1989 Z. Valenta
1988 L. Yaffe
1987 Michael C. L. Gerry
1986 G. Lange
1985 J. A. Pincock
1984 F. W. Birss
1983 R. Y. Moir
1982 David N. Harpp
1981 Hugh J. Anderson
1980 H. B. Dunford
1979 R. H. Tomlinson
1978 R. J. Thibert
1977 Brian T. Newbold
1976 Ronald J. Gillespie
1975 Walter E. Harris
1974 Keith J. Laidler
1973 J. M. Holmes
1972 R. L. McIntosh
1971 A. N. Campbell

- 1970 C. A. Winkler
- 1969 C. Ouellet, « L'humanité sera-t-elle toujours à l'école »
- 1968 A. B. Van Cleave, "Science Education Policy? That's Not Our Business. We're Scientists"
- 1967 W. A. E. McBryde, "The Case for Iroquois College"
- 1966 L. H. Cragg, "The Central Purpose of Chemical Education"
- 1965 J. B. Phillips, "Trends in Chemical Engineering Education in Canada"
- 1964 C. Sivertz, "Problems of Science Education in the New Age"
- 1963 G. B. Frost, "Chemical Education - The Future Perspective"
- 1962 R. B. Sandin, "Put the Spotlight on the Student - Not on Yourself"
- 1961 R. P. Graham; "Too Much and Not Enough"