



# The Canadian Society for Mechanical Engineering La Société canadienne de génie mécanique



## CALL FOR CSME AWARDS NOMINATIONS

(updated 18 August 2020)

Nominations of CSME peers by Fellows of the CSME are currently solicited for awards and honours of the Canadian Society for Mechanical Engineering (CSME). These aim to recognize deserving mechanical engineering professionals who are members of the CSME. Note that members cannot nominate themselves - they must be nominated by current CSME Fellows.

### Regular Awards

1. The **Robert W. Angus Medal** was established in 1957 to honour the late Robert W. Angus who was for many years Professor of Mechanical Engineering at the University of Toronto. It may be awarded annually to a mechanical engineer for outstanding contributions to mechanical engineering practice in Canada, including industrial innovation, technology commercialization and creativity. (revised 2020)
2. The **G.H. Duggan Medal** was established in 1935 to honour Dr. George Herrick Duggan who was president of the EIC in 1916. It may be awarded annually to a CSME member for the best paper in the *Transactions of the Canadian Society for Mechanical Engineering* dealing with the use of advanced materials for structural or mechanical purposes. (revised 2020)
3. The **C.N. Downing Award** was established in 1993 in honour of the Founding President of the CSME, Clifford N. Downing. It may be awarded annually to a CSME member for distinguished service to CSME over many years. (revised 2020)
4. The **I.W. Smith Award** was established in 1977 to honour Professor I. W. Smith who devoted a lifetime to teaching mechanical engineering at the University of Toronto. It may be awarded annually to a CSME member for outstanding achievement in creative mechanical engineering within 10 years of PhD degree. This 10-year eligibility window may be adjusted to account for eligible delays in research or periods of inactivity (for example, due to parental leave, bereavement, or illness). (revised 2020)
5. The title, **Fellow of the CSME**, may be awarded to CSME members who have attained excellence in mechanical engineering and who have contributed significantly to the progress of their profession. Nominees must have at least 10 years of professional experience and at least 5 years in uninterrupted standing as a member of the CSME, 3 years of which with active service to the CSME society. (revised 2020)
6. A **Certificate of Service** may be awarded to CSME members in recognition of outstanding service to the Society in a particular capacity.

### Technical Awards

1. The **Jules Stachiewicz Medal** was established in 1978 to honour the late Jules Stachiewicz who was for many years Professor of Mechanical Engineering at McGill University. It may be awarded alternately by the Canadian Society for Chemical Engineering (CSCE) and CSME for outstanding contributions to heat transfer in Canada. This award will be presented next by CSME in 2021.

2. The **Mechatronics Award** was established in 2019. It may be awarded biennially for outstanding contributions to mechatronics in Canada. This award may be presented next by CSME in 2021.
3. The **Emerging Technologies Award** was established in 2019. It may be awarded biennially for outstanding contributions to emerging technologies in Canada. This award may be presented next by CSME in 2021.
4. The **Fluid Mechanics Award** was established in 2019. It may be awarded biennially for outstanding contributions to fluid mechanics in Canada. This award may be presented next by CSME in 2022.
5. The **Solid Mechanics Award** was established in 2019. It may be awarded biennially for outstanding contributions to solid mechanics in Canada. This award may be presented next by CSME in 2022.
6. The **Manufacturing Award** was established in 2019. It may be awarded biennially for outstanding contributions to manufacturing in Canada. This award may be presented next by CSME in 2022.

### **Nomination Process - Regular Awards**

Nominations of peers by CSME Fellows should be addressed to the Chair of the Honours and Awards Committee, and in time to reach the CSME office by midnight on the above-specified deadlines. It is preferable to forward the nomination documents (i.e. nomination form, short CV, letters of support and the proposed citation) in **MS Word format** and via e-mail to the CSME Executive Director (currently [ggosselin.eic@gmail.com](mailto:ggosselin.eic@gmail.com)).

A **nomination package for regular awards** includes a completed [nomination form](#) showing the nominee's name, occupation, position, title, affiliation, CSME membership number, and full address and contact information (including telephone and email). Please make sure to also include all of the following items in the nomination package:

- a. The nominator's name, position, title, CSME membership number and full address and contact information (including telephone and email).
- b. The nominee's **short CV** not exceeding 10 pages in Times Roman 12 font.
- c. A **draft citation** for the nominee (125-150 words), which is intended for use in announcing the award recipient and in the awards brochure, should the nomination be successful.
- d. **Letters of support** for the nomination from two referees (other than the nominator), along with their names and addresses (including telephone and email). One of the letters must be from a fellow of the CSME.

### **Nomination Process – Technical Awards**

The Technical Award medals are to be awarded (potentially) once every two years: nominations for Fluid Mechanics, Solid Mechanics and Manufacturing medal awards were considered for the first time in October 2019 (for potential award at the 2020 CSME Congress in Charlottetown, PEI, later rescheduled to be held in June 2021 due to the COVID-19 pandemic), but no award was made. The medal awards for Heat Transfer (Stachiewicz Medal), Mechatronics and Emerging Technologies will be considered for first-time presentation at the 2021 CSME Congress in Charlottetown, PEI. The full cycle of considering nominations for the 6 Technical Awards will repeat every 2 years (3 per year) and each winner will be expected to present a plenary lecture at the subsequent annual Congress.

A complete technical award nomination package must be signed by a current CSME Fellow and emailed to the CSME Executive Director no later than midnight on 30 September of a given year to be considered for the following year's awards ceremony. It is preferable to forward the nomination documents (i.e. nomination letter, short CV, letter of support and the proposed citation) **in MS Word format** and via e-mail to the CSME Executive Director (currently [ggosselin.eic@gmail.com](mailto:ggosselin.eic@gmail.com)).

**A nomination package for a CSME Technical Award** must include:

1. A letter from the Nominator on institutional letterhead (max. 2 pages) which provides a detailed appraisal of the nominee's achievements in the specific field of the award and explains why he/she is deserving of the award. The nomination letter should clearly state what the candidate has accomplished that is relevant and innovative, and its impact on the field. The letter should only be as technical as is necessary to make the case and should avoid jargon, unexplained acronyms, etc. Specific indications of national and international impact, recognition and reputation will be helpful. The letter must also indicate clearly the nominator's relationship, if any, to the nominee, the nature of his/her personal knowledge of the nominee's research, and any collaboration that they may have had.
2. A letter of support for the nomination on institutional letterhead from an individual who is in the technical field of the award being considered and who is at arm's length from the nominator. The letter must state any relationship he/she may have with the nominee and the nominator, as well as verify that he/she has personal knowledge of the nominee's research, has read the nomination letter and agrees completely with its contents.
3. The nominee's CV (max. 10 pages in 12 font) which has been abbreviated to address those aspects relevant to the CSME Technical Award being considered and stripped of all content relating to teaching and administrative contributions.
4. A short citation (max. 70 words) which includes the nominee's full name, institution, and discipline. Written for non-specialists, it should briefly summarize the technical achievements and impacts which have made the nominee worthy of this CSME recognition.