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## Douglas R. Colton Medal for Research Excellence 2021

### Sponsor

CMC Microsystems

### Description

This award, which may be given in any field or discipline, recognizes substantive contribution to some aspect of microsystems or nanotechnology, including:

- microelectronics,
- photonics,
- optoelectronics,
- microelectromechanical systems (MEMS),
- microfluidics,
- nanomaterials, and
- embedded software.

The contribution must notably improve our understanding of, or demonstrate novelty in one or more of the following areas: applying fabrication technology; design methods and computer aided design tools; and or system architecture.

**Program details and timeline are not yet confirmed. This information will be updated when the program launches.**

### Eligibility

Faculty, students or alumni who have successfully completed a Master's or PhD degree in a Canadian university within the previous three calendar years are eligible for this award.

Candidates for the award will have made significant contributions while completing graduate studies in the form of a Master's or PhD degree some time during the three years prior to nomination for the award. The three-year period provides time for the impact of the contribution to become more apparent, for example, through publications, citations, or commercial interest. The research must have been conducted primarily in Canada and have directly impacted industry in Canada and/or university research programs in Canada. The nominee must be either a Canadian citizen, landed immigrant or an individual who has been a Canadian resident for three years prior to the nomination. Nominees need not be currently pursuing academic studies or holding an academic appointment.

Candidates for the award must be nominated by:

- University research offices; or
- Companies in micro and nano systems related sectors in Canada; or
- Jointly by a university and a company.

## Prize

The prize consists of one engraved medal and an associated monetary prize of \$4,500.

The recipient is required to acknowledge the sponsor of the award when referring to the award.

## Special Notes

Please note that research activities carried out in the context of COVID-19 need to adhere to the University of Guelph COVID-19 research principles, policies, guidelines and processes as they may be updated from time to time and communicated on the [Office of Research web-page](#) [1].

## Deadlines

**If College-level review is required, your College will communicate its earlier internal deadlines.**

Type	Date	Notes
<b>Internal Deadline</b>	Tuesday, June 15, 2021 - 9:00am	If you wish to be considered for VPR nomination, please submit your Expression of Interest (see How to Apply) to <a href="mailto:research.honours@uoguelph.ca">research.honours@uoguelph.ca</a> [2]
<b>External Deadline</b>	Saturday, August 14, 2021 - 5:00pm	If your nomination will be submitted by a nominator other than the VPR, please submit directly to the sponsor by the external deadline. Please also submit a copy of the full nomination and OR-5 to <a href="mailto:research.services@uoguelph.ca">research.services@uoguelph.ca</a> [3].

Type	Date	Notes
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## How to Apply

The Vice-President (Research) encourages nominations for this prestigious award, and will serve as nominator for those nominees recommended by the Honours and Awards Advisory Committee. If you wish to nominate a colleague or to be considered for VPR nomination, please submit an Expression of Interest (EOI) to [research.honours@uoguelph.ca](mailto:research.honours@uoguelph.ca) [2] by the internal deadline.

An Expression of Interest will include:

- A draft letter (two-three pages) addressed to the VPR, signed by your ADR, which outlines how you/your nominee meets the criteria outlined on the [Douglas R. Colton Medal for Research Excellence](#) [4] website.
- An up-to-date CV for the nominee (and each member of the team, if applicable).

?If your nomination will be submitted by a different nominee, and therefore does not require the Vice-President's endorsement, please submit an OR-5 and a complete nomination to [research.services@uoguelph.ca](mailto:research.services@uoguelph.ca) [3] by the external deadline.

Due to the COVID-19 situation, nominations are being accepted by email only. Send nominations by email to: Gordon Harling, President and CEO CMC Microsystems [Harling@cmc.ca](mailto:Harling@cmc.ca) [5].

For more information, contact [research.honours@uoguelph.ca](mailto:research.honours@uoguelph.ca) [2]

Alert Classifications**Category:**

Honours and Awards

### Disciplines:

Physical Sciences and Engineering

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### Source

URL:<https://www-research.uoguelph.ca/research/alerts/content/douglas-r-colton-medal-research-excellence-2021>

### Links

[1] <https://www.uoguelph.ca/research/>

[2] <mailto:research.honours@uoguelph.ca>

[3] <mailto:research.services@uoguelph.ca?subject=Douglas%20R.%20Colton%20Medal%20for%20Research%20Excellence>

[4] <https://www.cmc.ca/awards/>

[5] <mailto:Harling@cmc.ca>

