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## **Douglas R. Colton Medal for Research Excellence 2022**

### **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.

### **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:

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- 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>	Friday, March 25, 2022 - 9:00am	<p>If you wish to be considered for VPR nomination:</p> <ol style="list-style-type: none"><li>1. We recommend discussing your interest in this award with your College Research Manager and Associate Dean (Research).</li><li>2. Complete the <a href="#">Expression of Interest document</a> [2].</li><li>3. Send the completed Expression of Interest document and a CV to <a href="mailto:research.honours@uoguelph.ca">research.honours@uoguelph.ca</a> [3] and copy your College Research Manager.</li></ol>

Career interruptions due to parental leave, family care,

Type	Date	Notes
		extended illness, or community responsibilities will not negatively impact the committee's assessment of a candidate's research productivity. These will be taken into consideration when EOIs are assessed.
<b>External Deadline</b>	Friday, August 19, 2022 - 11:59pm	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> [4].

## How to Apply

If you wish to be considered for VPR nomination:

1. We recommend discussing your interest in this award with your College Research Manager and Associate Dean (Research).
2. Complete the [Expression of Interest document](#) [2].
3. Send the completed Expression of Interest document and a CV to [research.honours@uoguelph.ca](mailto:research.honours@uoguelph.ca) [3] and copy your College Research Manager.

Career interruptions due to parental leave, family care, extended illness, or community responsibilities will not negatively impact the committee's assessment of a candidate's research productivity. These will be taken into consideration when EOIs are assessed.

?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) [4] by the external deadline.

## For More Information

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For more information, contact [research.honours@uoguelph.ca](mailto:research.honours@uoguelph.ca) [5] or see the [Douglas R. Colton Medal website](#) [6].

Alert Classifications **Category:**

Honours and Awards

**Disciplines:**

Physical Sciences and Engineering

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### Source

**URL:** <https://www.uoguelph.ca/research/alerts/content/douglas-r-colton-medal-research-excellence-2022-0>

### Links

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

[2] <https://www.uoguelph.ca/research/document/eoi-template-major-awards-and-honours>

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

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

[5] <http://research.honours@uoguelph.ca>

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