

FACULTY OF SCIENCE

Pedagogical Innovation Chair in Science Education

The Faculty of Science at York University is pleased to announce the inaugural call for applications for the “Pedagogical Innovation Chair in Science Education”. This award supports the mission of the Faculty of Science to promote pedagogical excellence in Science and will provide support to a full time, continuing faculty member to lead pedagogical innovation in science education, which could include developing and adopting new pedagogy methods and technologies into practice, improving the effectiveness of classroom teaching, and/or develop metrics to measure Faculty success.

The duration of the award will be 3 years commencing on September 1st, 2021 and will include a minor grant of \$10,000 per year. They will receive a teaching release of up to 1.0 FCE, not to exceed an amount of release that lowers them below a 1.0 FCE teaching load. Additionally, as part of their award, a travel allowance will be established to support a single period of exchange to another Canadian University with a maximum duration of 1 week, to learn best practices and innovation in Science pedagogy. This 1-week exchange period is available each year but does not carry forward.

Expectations of the Chair

The Pedagogical innovation Chair in Science Education will be recognized as a leader in pedagogy scholarship. As such they will be expected to be a mentor and to provide leadership in pedagogical activities within the Faculty to increase and promote the overall innovation and excellence of Science education.

The Chair will be expected to pursue internal pedagogy innovation-related funding, including the AVPTL Academic Innovation Fund. High priority should be placed on the communication and horizontal spread of knowledge to colleagues within the Faculty of Science and beyond. Consistent with this, the Chair will act as the primary organizer of a Faculty-supported mini-symposium each year that will highlight pedagogical innovations within Science education. At the end of the three-year term, the Chair will submit a report on their achievements.

Dates

All applications must be submitted by 4 pm on June 1st, 2021 to Sibonile Siyakatshana <siyakat@yorku.ca>. A committee composed of Faculty of Science members will review and rank the applications to make a recommendation to the Dean. The successful applicant will be notified during the first week of August, 2021. The Chair will begin September 1st, 2021.

Application package details:

All documents should be submitted as a single file PDF document formatted with size 12 font, single spaced, with 2 cm margins all around. Name of the applicant should be indicated at the top of each page.

1. A 250-word statement from the applicant on how the proposal will elevate the pedagogical excellence of the Faculty of Science.

2. Three-page proposal that describes the focus and goals of the application. The proposal should include a budget to describe how the teaching release and the minor grant will be used.

3. *Curriculum Vitae* in any chosen format.

4. Three letters of reference to be forwarded directly to the submission email by the application deadline.

5. List of Faculty of Science colleagues who might have a conflict of interest to review the application. Suggested reviewers are in a conflict of interest if they:

- are a relative or close friend, or have a personal relationship with the applicant;
- are in a position to gain or lose financially/materially from the funding of the application;
- have had long-standing scientific or personal differences with the applicant;
- been a supervisor or a trainee of the applicant;
- collaborated, published or shared funding with the applicant;
- feel for any reason they are unable to provide an impartial review of the application.