

April 26, 2018

Educational Developer (in Biology/Science)

The Faculty of Science (FSc) at York University provides high-quality education to over 3200 undergraduate students and 470 graduate students in a variety of basic and applied programs. Our over 140 full time faculty members receive over \$18.5M in research funding annually. Approximately 90 staff members provide quality administrative and technical support to our students and faculty.

For more information about the Faculty of Science, please visit: <http://science.yorku.ca/about-fsc>

Please note this is a 6-month, part-time contract.

Purpose

The Department of Biology in the Faculty of Science strives to position itself at the forefront of pedagogical developments in the discipline and to provide superior teaching and learning experiences at York University. The Educational Developer will work with faculty members and students in Biology on a project that is aimed at fostering academic success in first year Biology and is funded by the Academic Innovation Fund at York University. The Educational Developer will report to the project lead and be responsible for developing curricular elements (for example, assignments or modules) for improving student study skills, cognitive awareness, and metacognition. The Educational Developer will provide leadership in developing all aspects of this project including practical and technological aspects of delivery and assessing effectiveness of these elements through robust evaluation.

Education Master of Science or PhD in discipline-based science education, or in a science discipline (Biology, Chemistry, Physics) or in Education preferred.

Experience Demonstrated interest and experience in science curricular development and/or conducting discipline-based science education research in a post-secondary environment.

Skills The candidate should possess knowledge of evidence-based best practices in science education, including the application of cognitive science and self-regulated learning. Ability to design, create and deliver innovative pedagogy focused on study skill development, self-regulated learning and metacognition. Excellent analytical reasoning, problem solving, time management, planning, project management/coordination, administrative, and organizational skills. Excellent oral and written communication skills with academic and professional writing experience. Knowledge of, and experience with, statistical analysis (would be beneficial to have experience with statistical analyses of educational interventions). Strong computer skills, particularly as related to technologies for educational purposes, including working knowledge of learning management systems (Moodle preferred).

Salary \$15,000 over 6 months (part time, flexible hours).

Start Date July 1, 2018 (flexible)

Applications Please email a covering letter and *curriculum vitae* to Paula Wilson, pjwilson@yorku.ca by May 30, 2018.