



**2018-2019 H. William Christ Educator Prize Winner
Christianne Loupelle**

Christianne Loupelle is Head of the Science Department at Trafalgar School for Girls in Montreal (Quebec) Canada. Since arriving at “Traf” in 2005, she has taught a variety of courses—including Biology, Physics, Science and Technology, and (in French) Géographie du Québec au Canada— to girls in Grades 7 to 11.



In her role as STEAM Coordinator at Trafalgar, Christianne has worked closely with researchers in the Faculty of Education at nearby McGill University to introduce inquiry-based learning projects to first- and second-year high school students. Inspired by the Métis artist Jaime Black's REDress Project, one of these groups of girls helped to raise awareness for the subject of their inquiry—*Canada's Missing and Murdered Indigenous Women and Girls*—through a public exhibition featuring life-sized paper dresses lovingly designed by the students themselves. This year, Christianne has embarked on a cross-curricular project with Grade 7 students and some of her colleagues in English, Math, and Social Sciences at Trafalgar: together they are creating playgrounds and shared spaces within the community.

Outside of the classroom, Christianne has been involved in countless co-curricular activities, including the school's Greening Project, Earth Club, and Robotics. She has chaperoned many overseas trips, including those where Trafalgar represented Canada at the World School International Forums in Japan and Australia. She has coached volleyball, hockey, golf, and touch football, and is the “Mom” (Advisor) for one of the five Trafalgar Houses. For the past three years Christianne has run weekend *Science in the City* workshops for girls in Grades 4, 5, and 6, collaborating with experts from McGill Physics Department, as well as local industries such as Bombardier and Tesla to expose participants to STEM fields.

Christianne has a Bachelor of Science from Bishop's University, a Masters in Science from McGill, and a Bachelor of Education from the University of New Brunswick. A committed lifelong learner, she has grown through professional development opportunities such as EXPLOR's Critical Maker Camp for Educators, a workshop by the Future Design School, as well as gatherings such as NCGS's 2015 STEM to STEAM conference. She has presented at NCGS conferences on topics such as *Reimagining a Classroom on a Budget: Using Design Thinking to Create a Better Classroom Space*, and *The Urban Classroom: Taking Advantage of Everything a City has to Offer*. This June, she will be part of a group presenting a breakout session about “Paper-Dress Project” at NCGS's *Dream. Dare. Do* conference in Los Angeles.