



OUR RESEARCHERS | DR. ANTHONY HANLEY

Thank you for your generosity. Diabetes Canada is grateful to our donors for supporting critical research that will end diabetes.

Through your support, Dr. Anthony Hanley – professor with the Department of Nutritional Sciences, Department of Medicine, and Dalla Lana School of Public Health at the University of Toronto – is increasing our understanding of the impacts of the COVID-19 pandemic on people at risk of getting with type 2 diabetes.

In healthy individuals, blood sugars are controlled by a hormone called insulin, which lowers blood sugar levels. For people with type 2 diabetes, they can no longer produce or use enough insulin to control their blood sugars, which can lead to health complications such as nerve damage, blindness, heart disease, kidney failure, anxiety, amputations, and even death.

We know that that low levels of physical activity, poor diet, and stress can, over time, increase people's risk of getting type 2 diabetes. Dr. Hanley is studying whether the impacts of the COVID-19 pandemic might increase people's risk of being diagnosed with this disease.

Findings from this work will improve our understanding of the COVID-19 pandemic's impacts on diabetes risk, and may help identify new targets for early risk prevention of type 2 diabetes.

Thank you for giving hope for a healthier future to people at risk of type 2 diabetes.