

Senate Research Report

October 30, 2018



VICE-PRINCIPAL (RESEARCH)

News and Updates

The 2019 *Maclean's* university rankings were released on October 11, 2018. Queen's placed fifth overall amongst Canada's 15 medical-doctoral universities. The highest marks for Queen's includes second place in faculty awards, a testament to the high quality of faculty that work at Queen's, and also to the dedicated investment in submitting award nominations.

The Office of the Vice-Principal (Research) will host its fifth Faculty Writing Retreat on December 11. This full day event, held at the Donald Gordon Centre, is meant to provide faculty members with long blocks of uninterrupted writing time, one-on-one access to research projects advisors, and an optional learning session on "writing habits." Registration will be available in early November.

Funding

Pan-Canadian Research Network on Lyme Disease: The Canadian Institutes of Health Research (CIHR) and the Government of Canada announced a \$4 million investment in a new multidisciplinary research network that will bring together scientists, clinicians, and patients to address gaps in the approach to prevention, control, diagnosis, and treatment of Lyme disease. Many Queen's researchers will be part of the network, which is led by Dr. Kieran Moore (Emergency Medicine; Family Medicine).

The Government of Canada has invested \$558 million in NSERC's Discovery Grants programs, including \$15.5 million in support of more than 70 faculty and students across disciplines at Queen's. According to NSERC, this is the largest investment in research from the funding agency this year and it includes \$70 million in new funding announced in Budget 2018 as part of a plan to attract global talent, promote diversity, and fuel discovery and innovation in science.

Awards and Accolades

Professor Emeritus Raymond Price (Geological Sciences and Geological Engineering) has been recognized by the Royal Society of Canada (RSC) with the Willet G. Miller Medal in Earth Sciences for a lifetime of research contributions to academia and industry.

Dr. Ahmed Hassan (School of Computing) has been elected to the RSC College for his leadership in the engineering of ultra-large-scale systems. The RSC College is a program that recognizes the emerging generation of Canadian intellectual leadership and seeks to gather scholars, artists and scientists at a highly productive stage of their careers into a single collegium.

Three Queen's University researchers have been elected to the RSC Fellowship, the most senior and prestigious academic society in Canada:

- Dr. Stephen Archer (Medicine) is Head of Medicine and a world-renowned cardiologist. He has made numerous discoveries in regards to defining the roles of mitochondrial fission/fusion and metabolism in oxygen-sensing and cell proliferation.
- Dr. Heather Stuart (Public Health Sciences), the Bell Mental Health and Anti-Stigma Research Chair, is a social-epidemiologist who has developed world-recognized translational research to reduce mental illness-related stigma.
- Dr. Rena Upitis (Faculty of Education) is an arts education scholar. Driven by a desire to build deep connections with the natural world, her work involves experiential learning, research, and social activism.

Professor Jacalyn Duffin (Emerita, History of Medicine) will be inducted into the Canadian Medical Hall of Fame for her enduring contributions to medical research and education that deepen our understanding of how the humanities inform balanced, effective medical training.

Dr. J. Curtis Nickel (Urology) received the Mostafa Elhilali Award from the Société Internationale d'Urologie.

Dr. Anne Ellis (Medicine) earned the F. Estelle Simons research award from the Canadian Society of Allergy and Clinical Immunology in recognition of her exemplary research in the field of allergy, asthma, and immunology.

Dr. William Plaxton (Biology) was recently awarded the Canadian Society of Plant Biologists' Gold Medal for lifetime achievement, contributions and distinguished service to plant biology in Canada.

Dr. Richard Reznick (Dean, Faculty of Health Sciences) has been awarded an honorary fellowship from the Royal College of Surgeons — the highest honour the organization can confer.

Dr. Reznick was appointed to the Premier's Council on Improving Health Care and Ending Hallway Medicine. The announcement was part of a broader Ontario Government proposal to address challenges within the Ontario health care system, including hospital wait times and the lack of available beds. Dr. Reznick is one of two members of the council with a Queen's connection, along with Humber River Hospital President and CEO, Barb Collins (MBA'05).

Research Promotion

Led out of University Relations, various research promotion activities are highlighting the outcomes of critical financial investments, and make efforts to strengthen our research prominence.

- Featuring images from the Art of Research photo contest, a new series of promotional display items includes building skins on various campus buildings; pole pennants on the light posts of University Avenue; and a travelling, pop-up photo exhibit which has been on display in Stauffer Library, in Grant Hall for Homecoming, and is scheduled for Lederman Library.
- CFRC 101.9 FM's fall season features the return of *Blind Date with Knowledge* and *Grad Chat*, programs that showcase research happening across campus. *Blind Date with Knowledge* airs bi-weekly on Wednesdays at 5:30 pm, and all episodes are available for download via [Apple iTunes](#).
- Since Queen's became a founding member of *The Conversation Canada* in 2017, 72 Queen's researchers (faculty and students) have published 96 articles that have attracted 1.3 million reads. Many pieces have been republished by international news outlets, including *Scientific American*, *The National Post*, *CNN*, *TIME*, *The Washington Post*, *The Sydney Herald*, and *Maclean's*.

The [full table outlining recent funding](#) received by Queen's researchers can be found on the OVPR website.