



## *Senate Research Report*

VICE-PRINCIPAL (RESEARCH)

September 27, 2016

### News

On September 6, Kingston and the Islands MP Mark Gerretsen announced the [award of over \\$63.7 million from the Canada First Excellence Research Fund](#) to create the Canadian Particle Astrophysics Research Centre (CPARC). While based at Queen's, CPARC's partner universities include McGill, Laurentian, Carleton, UBC, University of Alberta, University of Toronto, and Université de Montréal. They are also partnered with five organizations: CIFAR, TRIUMF, the Institute of Particle Physics, the Perimeter Institute, and SNOLAB. This investment is crucial in making Queen's a key leader in field of particle astrophysics.

Five professors from Queen's University have been elected as [Fellows to the Royal Society of Canada](#). The faculty members are:

- David Bakhurst (Philosophy) – Academy I
- Troy Day (Mathematics and Statistics) – Academy III
- Daniel David Moses (Dan School of Drama and Music) – Academy I
- Joan Schwartz (Art History and Art Conservation) – Academy I
- Craig Walker (Dan School of Drama and Music) – Academy I

The Government of Canada has appointed Dr. Arthur McDonald (Physics, Engineering Physics and Astronomy) to their [Advisory Panel for the Review of Federal Support for Fundamental Science](#). The panel will meet over a six-month period to discuss how to better support research into fundamental science.

Dr. Guy Narbonne (Geological Sciences and Geological Engineering) played a key role as Chief Scientist and primary nomination author in the inscription of Mistaken Point, Newfoundland and Labrador as [Canada's newest World Heritage Site](#).

PREVNet, a national network co-directed by Dr. Wendy Craig (Psychology) that works towards preventing bullying and promoting safe relationships, received renewal funding of [\\$1.2 million from the Networks of Centres of Excellence Knowledge Mobilization](#). Queen's hosted a funding announcement with MP Mark Gerretsen in April to celebrate this award.

Fifteen research projects led by Queen's faculty members received a total of more than [\\$2.8 million in funding from the provincial government](#). MPP Sophie Kiwala visited Queen's in August to announce this provincial funding.

The Canadian Cancer Trials Group had the unique honour of having two cancer trials presented in the plenary session at the [American Society of Clinical Oncology meeting](#), a testament to their impact on cancer trials in the world.

Two Queen's professors were recognized by the [Order of Canada](#) at a ceremony in Rideau Hall on May 13. Professor Emeritus Dr. Arthur McDonald (Physics, Engineering Physics and Astronomy) was named a Companion of the Order of Canada and Dr. Ruth Wilson (Family Medicine) was named a Member of the Order of Canada.

Dr. John McGarry (Political Studies) has received several awards for his contributions to conflict resolution. These include being named an [Officer of the Order of Canada](#); receiving the [Molson Prize](#) from the Canada Council for the Arts; and being the co-recipient of the [Distinguished Scholar Award](#) from the Ethnicity, Nationalism and Migration Studies section of the International Studies Association (ENMISA).

Dr. John Smol (Biology) and Dr. Arthur McDonald (Physics, Engineering Physics and Astronomy) received [honorary degrees](#) on May 16 from Mount Allison University.

Dr. Emma Peacocke (English) received a [Banting Postdoctoral Fellowship](#) to continue her research into 19<sup>th</sup>-century literary perceptions of universities.

Dr. Andrew Daugulis (Chemical Engineering) was elected as a Fellow to the [Canadian Academy of Engineering](#) for his research on industrial biotechnology and environmental engineering.

Dr. Marian Lucktar-Flude (School of Nursing) received the [Excellence in Research Award](#) from the International Nursing Association for Clinical Simulation and Learning for bringing simulation training to many students and departments at Queen's.

Dr. Arthur McDonald (Physics, Engineering Physics and Astronomy) was named to the [Order of Ontario](#) for his groundbreaking research on the nature of neutrinos.

Dr. James MacKinnon (Economics) received the Canadian Economics Association [Lifetime Achievement Award](#) and the Mike McCracken Award for Economic Statistics.

Dr. Gregor Smith (Economics) and Nicolas Guillaume-Martineau were co-recipients of the [Harry Johnson Prize](#) from the Canadian Economics Association for their paper. Also, Economics PhD candidate Alex Chernoff received the Robert Mundell Prize for his paper from the Canadian Economics Association.

Dr. Arthur McDonald (Physics, Engineering Physics and Astronomy) was named a Foreign Associate of the [US National Academy of Science](#).

[Issue 9 of the Queen's research magazine \(e\)AFFECT](#) was released in a special digital format in July. Issue 10, a special 175<sup>th</sup> anniversary edition of the magazine, will be released in the fall.

At the 2016 Science Rendezvous Kingston, the Office of the Vice-Principal (Research) teamed up with the Office of Advancement to promote the research of Dr. Ian Janssen (School of Kinesiology and Health Studies), whose work is supported by the Heart and Stroke Foundation.

Three post-doctoral fellows have arrived at Queen's after receiving support from the [Post-Doctoral Fund](#) in the inaugural year of the Queen's Research Opportunities Fund (QROF): Gregory Whitfield (Political Studies), Reza Nosrati (Chemical Engineering), and Jaqueline Raymondi Silva (Anesthesiology & Perioperative Medicine).

## *Research Funding*

Over \$18 million in research funding has been announced since April, and [the details of these funds have been outlined in a separate funding table](#).