

# DCNS Neuro News

The Department of Clinical Neurosciences

November 2016



Dr. Michael Tso, left, and Dr. Daniel Yavin, right, with Dr. Rajiv Midha.

## Dr. Eric Smith joins Royal Society of Canada college

Congratulations to DCNS neurologist Dr. Eric Smith, who has been elected to the Royal College of New Scholars, Artists and Scientists.

The college, part of the Royal Society of Canada, is "Canada's first national system of multidisciplinary recognition for the emerging generation of Canadian intellectual leadership."



Dr. Eric Smith

Dr. Smith, an associate professor of neurology and the Katthy Taylor Chair in Vascular Dementia, was inducted at a ceremony on Nov. 18.

He is also joining the editorial board of the journal *Neurology*, effective Jan. 1

## Resident Research Day benefits from wealth of submissions

Resident Research Day benefited from a record 27 abstract submissions this year and squeezed in 18 presentations at the Nov. 25 event.

The diverse topics—from glioblastoma treatment and Mesenchymal stem cell therapy to educational needs assessments for neurologists and the benefits of Physician Assistants—were exceptional, said DCNS department head Dr. Rajiv Midha.

In deciding the winners, Dr. Midha noted the top presentations in both categories were separated by a very small margin. "It was a very difficult decision," he noted on behalf of the judging panel.

The J. Gregory Cairncross Award for Excellence in Clinical Research was awarded to Dr. Daniel Yavin for his presentation "Intrathecal Morphine Following Lumbar Fusion: A Randomized, Placebo-Controlled Trial".

The Doug W. Zochodne Award for Excellence in Basic Science Research was won by Dr. Michael Tso for "Whole genome expression profiling of blood-brain barrier endothelial cells after experimental subarachnoid hemorrhage".

Congratulations to everyone who submitted!

A full list of the presenters and the title of their abstracts is below:

**GRAND ROUNDS**  
Neurology, Neurosurgery,  
Physical Medicine & Rehabilitation,  
Translational Neuroscience

## Call for 2017 presenters

*There are a couple of spots still remaining for the Spring, and many more in the Fall. If you have a suggestion for a speaker, or would like to present yourself, please send details to [Quentin](#).*

*Upcoming speakers are listed on the DCNS site.*

## Resident Research Day presentations

JEWETT, Gordon	Technique for Oblique Intrathecal Morphine Injection in Lumbar Spine Surgery
YAVIN, Daniel	Intrathecal Morphine Following Lumbar Fusion: A Randomized, Placebo-Controlled Trial
HOYTE, Lisa	Reliability of automated software to assign e-ASPECTS to CT scans for acute ischemic changes
AL SULTAN, Abdulaziz	Intravenous thrombolysis and platelet count
POON, Candice	Treatment of glioblastoma brain-tumor initiating cells with the microglial- and macrophage-derived cytokine tumor necrosis factor-alpha
TSO, Michael	Whole genome expression profiling of blood-brain barrier endothelial cells after experimental subarachnoid hemorrhage
LANG, Stefan	Resting-state functional connectivity in a fronto-parietal network is sensitive to cognitive function in patients with diffuse glioma and can predict neuropsychological outcome following surgery
CADIEUX, Magalie	Rates of infection following craniotomy or craniectomy with subsequent cranioplasty in traumatic brain injury
OPOKU-DARKO, Michael	Surgical management of incidental low grade gliomas: a single institutional experience
RYU, Andrew	Utility of perfusion imaging in acute stroke treatment: a systematic review and meta-analysis
AVERY, Mike	Mesenchymal stem cell therapy for aneurysms
YANG, Michael	Factors that predict surgical candidacy in degenerative spine disorders: a clinical prediction model
CHOUDHURY, Parichita	An Educational Needs Assessment Among Local Neurologists
FINKELSTEIN, Sara	Superficial Siderosis: case report and review of existing therapies
LITZENBERGER, Jen	Creating an interdisciplinary pediatric spinal cord injury practice guideline for Alberta Children's Hospital Pediatric ICU
NABETA, Dave	Clinical effects of intermittent electrical stimulation (IES) in the prevention of recurrent pressure ulcers in high risk individuals with spinal cord injury
REGLIN, Paul	Evaluating the Impact of a Physicians Assistant on PM&R Stroke Outpatient Clinics in Calgary AB
YARASKAVITCH, Megan	Building an Understanding of the Division of Neurology Morbidity and Mortality Rounds