

NEUROSCIENCE NEWSLETTER

Volume 25 Number 10 June 2009

PROGRAM NEWS

NEW PIN STUDENTS

We would like to welcome the following students to the Collaborative Graduate Program in Neuroscience:

Student Name	Deg.	Supervisor	Department
Sepehr Ehsani	MSc	Gerold Schmitt-Ulms	Lab Med. & Pathobio
Christopher Yong-Kee	PhD	Joanne Nash	Cell & Systems Bio.
Alina Karpova	MSc	Michael Fehlings	IMS

UPCOMING UTNP DISTINGUISHED LECTURES

Please check www.utoronto.ca/neurosci for updates.

Wednesday, June 24, 2009 2:30pm
Bitá Moghaddam, University of Pittsburgh
Title: "Thinking Differently About Schizophrenia"
Location: Rm 3154, Medical Sciences Building

TORONTO BRAIN BEE WINNER WINS 2ND ANNUAL CNBB



Congratulations to Sean Amodeo, winner of the Toronto Brain Bee, who won the Second Annual CIHR Canadian National Brain Bee. In very close second place is Liwei Li from Guelph. And following a close third is Sofia Essayan-Perez from Montreal. The competitors from 6

provinces representing 12 local Brain Bees met at McMaster University, May 29-30, 2009. Sean will represent Canada in the 2009 International Brain Bee Championship on August 8, 2009 in Toronto, Canada held in conjunction with the American Psychological Convention. Best of luck, Sean!

More: <http://www.science.mcmaster.ca/brainbee/>

Program Committee Members

D.R. Hampson / PHARM. SCI. (Dir)	J. Peever / CELL AND SYSTEMS BIOLOGY
J.O. Dostrovsky / PHYSIOLOGY (Advisor)	J. Roder / MOL. GENETICS
W.M. Burnham / PHARMACOLOGY	B.J. Sessle / DENTISTRY
P. Carlen / INST. MED. SCIENCE	M. Shoichet / INST. BIOMAT. & BIOMED. ENG.
L.F. De Nil / SPEECH LANG. PATHOL.	B. Stefanovic / MEDICAL BIOPHYSICS
Z. Jia / PHYSIOLOGY	W. Trimble / BIOCHEMISTRY
M. Lewis / HUMAN DEVELOPMENT	J.W. Wells / PHARMACY
AND APPLIED PSYCHOLOGY	J.S. Yeomans / PSYCHOLOGY
S. Nag / LAB. MED. PATHOBIOL.	K. Zabjek / REHAB. SCI.

Email: p.neuroscience@utoronto.ca

Website: www.utoronto.ca/neurosci

UTNP Administrative Office: Toronto Western Hospital, Rm. TBD

Collaborative Graduate Program in Neuroscience Office:

Rm 904, Leslie Dan Faculty of Pharmacy,

144 College St. Toronto ON M5S 3M2

Telephone: 416-978 8761 Fax: 416-978-8511

TORONTO BRAIN BEE WINNER IN THE NEWS

(From the *Toronto Star*, May 29, 2009)

"Sean Amodeo's brain is full.

It is crammed with anything one would possibly want to know about the intricacies of the mind. How many neurons does the brain contain? "100 billion," the Grade 12 student answers without pause. Prozac relieves symptoms of depression by affecting which neurotransmitter? "Serotonin," he responds in the time it takes to blink."

More: <http://www.parentcentral.ca/parent/article/642308>

FACULTY NEWS

UTNP member Karen Davis (Department of Surgery and Associate Director, Institute of Medical Science) has been inducted into the Johns Hopkins Society of Scholars. The Society of Scholars inducts former postdoctoral fellows, postdoctoral degree

recipients, house staff and junior or visiting faculty who have served at least a year at Johns Hopkins and thereafter gained marked distinction elsewhere in their fields of physical, biological, medical, social or engineering sciences or in the humanities. Professor Davis laboratory has developed innovative brain-imaging approaches, culminating in the first functional MRI images of brain networks underlying the human pain experience and the first images of the impact of deep brain stimulation for Parkinsonian tremor.

NOTICE TO GRADUATING STUDENTS

Please notify the PIN office upon your graduation to ensure that you will receive the notation "completed Collaborative Program in Neuroscience" on your degree transcript as well as a separate certificate suitable for framing from the PIN office to indicate that you have completed the program's requirements. Please let the office know the address you wish your certificate sent to and please also send us your thesis title. If you have transferred from a Master's degree to a PhD, please notify the PIN office.

OTHER U of T NEUROSCIENCE NEWS

18TH ANNUAL BRAIN & BEHAVIOUR DAY

The Centre for Brain & Behaviour invites you to the 18th Annual Brain & Behaviour Day at the Old Mill on **Thursday June 4th** from 8 a.m. to 4:30 p.m.

This year's theme is "Neuroimaging Brain Plasticity".

Contact: Laurel Brown, Team Lead, CBB

email: laurel.brown@sickkids.ca

Friday, June 5, 2009 12pm

TWRI Visiting Speaker

Kevin J. Staley, MD, Joseph P. & Rose F. Kennedy Professor,

Harvard Medical School, Chief Pediatric Neurology,

Massachusetts General Hospital

"Neonatal seizures and neuronal ion transport"

Host: Dr. Liang Zhang

Pizza and soft drinks available for those attending the talk

Main Auditorium, TWH

Friday, June 5, 2009 1pm

CAMH Neuroscience Research Seminar

Hengye Man, MD, PhD, Assistant Professor, Department of

Biology, Boston University

"Homeostatic regulation of AMPA receptor trafficking at single synapses"

Centre for Addiction and Mental Health (CAMH)

33 Russell Street Site, 2nd Floor,

Eli Lilly Centre, Room 2022

Baycrest's Rotman Research Institute Presents

THE HUMAN FRONTAL LOBES AND THE MIND: AN

INTERDISCIPLINARY CONFERENCE IN HONOUR OF DR. DONALD T. STUSS

June 11 & 12, 2009

Hart House Theatre, University of Toronto, 7 Hart House Circle, Toronto

Organizers: Brian Levine, Fergus Craik, Randy McIntosh
Over 30 years, Dr. Donald T. Stuss has made significant contributions to the understanding of the human frontal lobes. Dr. Stuss is the Reva James Leeds Chair in Neuroscience and Research Leadership, and a University of Toronto Professor of Psychology and Medicine (Neurology and Rehabilitation Science). He has published several books, including co-authoring the 1986 classic reference, *The Frontal Lobes*. He was named the first Director of the Rotman Research Institute (RRI) at Baycrest in 1989, and under his stewardship the RRI has evolved to become a world-class centre for cognitive neuroscience.

On June 11 and 12, 2009, a conference will be held in honour of Dr. Stuss, with participation from leading researchers influenced by his work. This event, located at Hart House at the University of Toronto, is open to the public.

For additional information, please visit our website

<http://www.rotman-baycrest.on.ca/index.php?section=958>

To register for this event, please go to our secure site at

www.peopleware.net/0056a

Any inquiries, please contact - Paula Ferreira, Conference

Coordinator, Baycrest at (416) 785-2500, ext. 2363 or email

pferreira@baycrest.org

8TH ANNUAL CHARLES TATOR-BARBARA TURNBULL LECTURESHIP SERIES IN SPINAL CORD INJURY

Advance notice that the 8th Annual Charles Tator-Barbara Turnbull Lectureship Series in Spinal Cord Injury will take place on Friday, October 2, 2009. This year, we are excited to have James Fawcett from Cambridge University Centre for Brain Repair provide the Keynote Speech. As in past years, the poster session and lectures will take place in the afternoon with a dinner in honour of all the speakers that same evening. Location and details TBA.

TORONTO MS JOURNAL CLUB

The Toronto MS Journal club will be taking a break from our monthly journal club activities until the fall.

OTHER NEUROSCIENCE NEWS

FRONTIERS IN NEUROPHOTONICS

An international summer school on advanced cell live imaging techniques

June 1-10, 2009

Quebec City

Frontiers in Neurophotonics will combine tutorials given by experts in photonics and neuroscience and hands-on experiments involving advanced optical approaches to measure, manipulate and follow molecular events in living neuronal cells. Visit www.neurophotonics.ca for more information

IBNS June 2009

The International Behavioral Neuroscience Society (IBNS) meeting will be held **June 9-14, 2009**.

Please visit www.ibnshomepage.org or contact the IBNS Central Office at ibns@ibnshomepage.org for further information

SUMMER AUTISM INSTITUTE: TOGETHER WE CAN DO IT!

University of San Diego presents the Summer Autism Institute Building Personalized Supports and Instruction Through Relationships and Collaboration

June 24-26, 2009

The Autism Institute presents national and international experts to talk about personalized supports and instruction for children, adolescents and adults with learning, sensory, and movement differences. Real supports start with understanding the true nature of each individual and the teaching, social, and fun accommodations to support communication, learning, and relationships. Come join us for a truly unique experience!

Daily Schedule, Speaker Bios, and Session Descriptions

at www.sandiego.edu/autisminstitute

Register online at: www.usd-online.org

(look for Summer Autism Conference under upcoming events)

BRAIN'09 & BRAINPET'09

Brain'09 & BrainPET'09, set for Chicago, **June 29 -July 3, 2009**, is a crucial meeting for brain professionals and leading experts devoted to expanding their knowledge and advancing education, research, and treatments in fields such as cerebrovascular regulation, brain imaging, ischemia/stroke, neurotrauma, and brain protection.

Tel: +41 22 908 0488

Fax: +41 22 732 2850

Email: brain@kenes.com

Website: <http://www.kenes.com/brain/>

INTERNATIONAL SYMPOSIUM - BRAIN INJURY IN CHILDREN

The Hospital for Sick Children continues to play a leadership role in enhancing the assessment and management of brain injury in children not only at the hospital, but in the international community as well. In order to continue to heighten awareness and educate health care professionals worldwide on issues in paediatric brain injury, the SickKids Centre for Brain & Behaviour is planning a three day International Symposium **July 8-10, 2009** at the Four Seasons Hotel, Toronto called Brain Injury in Children.

The [conference agenda and registration](#) are available online.

THE 40TH ANNUAL INTERNATIONAL SOCIETY OF PSYCHONEUROENDOCRINOLOGY (ISPNE) CONFERENCE

Modern Psychoneuroendocrinology: Interactions with Genes, Health, and Longevity

July 23-26, 2009

San Francisco, CA

We are currently accepting abstract submissions for symposia and free communications on all topics relevant to psychoneuroendocrinology. In keeping with the special theme of the meeting, emphasis will be placed on hormonal interactions with genetics, epigenetics and the effects of stress on health and longevity.

This program, jointly sponsored by ISPNE and the University of California, San Francisco School of Medicine, provides an opportunity to learn and discuss the latest scientific developments relevant to genetic and developmental/environmental contributions to hormonal physiology and mental and physical health.

Please feel free to contact the Conference Organizer, Ms. Lovdy Hamm (meetings@ispne.org or 512-215-4831), should you need additional information, flyers or brochures, in either print or electronic formats, and she will provide you with the materials as soon as possible.

EUROPEAN SOCIETY OF MAGNETIC RESONANCE IN NEUROPEDIATRICS (ESMRN)

September 3-5, 2009 in Zurich, Switzerland.

Further information: <http://kongress2.imk.ch/esmrn2009/Home>

SOCIETY FOR NEUROSCIENCE MEETING 2009

Mark your calendar for Neuroscience 2009, **October 17-21**. View the exciting learning opportunities, professional development, and special events that made Neuroscience 2008 a great success! Don't miss all that Neuroscience 2009 in Chicago, IL has to offer.

Further information can be found on the Neuroscience 2009 website: <http://www.sfn.org/am2009/>

6TH INTERNATIONAL CONGRESS ON VASCULAR DEMENTIA

The 6th International Congress on Vascular Dementia will be held in Barcelona, Spain from November 19-22, 2009. The Sixth International Congress will once again aim to be a showcase for the discussion of new developments in the area of dementia with special attention to cerebrovascular diseases affecting cognition. The congress will be an opportunity to deliberate on large and small vessel brain diseases and how they contribute to cognitive decline. We shall try to identify specific biological and psychological markers, if any, of vascular dementia, and also the genetic factors involved. The overlap with Alzheimer's disease will be a central issue, as will be the white matter changes frequently seen in dementia.

Further information:

<http://www2.kenes.com/Vascular/Pages/Home.aspx?ref6=db1>

WFN 2009 - PARKINSON'S DISEASE CONGRESS

WFN XVIII World Congress on Parkinson's Disease and Related Disorders will be held in Miami Beach, Florida, **December 13-16, 2009**.

Keynote lectures will be delivered by distinguished international faculty, while a large number of selected free communications will report new data from clinical centers and basic research laboratories around the globe.

Further information can be found on the Congress website:

<http://www.kenes.com/parkinson>

Abstract submission Deadline June 18, 2009

FUNDING ANNOUNCEMENTS

AMERICAN EPILEPSY SOCIETY (AES) : RESEARCH INITIATIVE AWARDS.

The AES has established a novel grant opportunity for its membership that will provide seed support to encourage innovative, collaborative basic or clinical research associated with the epilepsy field. The objective of these awards is to encourage established investigators to think "outside the box" and involve other established investigators who may not now be working in the field of epilepsy. The AES has also announced their [Research](#)

Infrastructure Awards to provide an opportunity for scientists to obtain support for nationwide or international networks of clinical or basic science researchers focused on understanding the causes, consequences and treatment of epilepsy.

Deadline for Letters of Intent: August 24, 2009.

National Fragile X Foundation : Translational Research.

Translational research projects focus on bringing discoveries made about the nature, causes, and consequences of Fragile X-associated Disorders into the realm of therapeutics and interventions designed to treat the symptoms or underlying

deficits of those disorders. **Deadline for Applications: June 1, 2009.**

Association for Frontotemporal Dementias (AFTD) : Research Grants. AFTD provides support for basic and clinical research in frontotemporal dementias. Proposals are designed for generating preliminary data toward larger grant application to the NIH or other public or private agencies concerned with this important medical and social problem. **Deadline for Submissions: June 29, 2009.**



SUBMISSION & CONTACT INFORMATION

Email: p.neuroscience@utoronto.ca

Fax: 416-978-8511 Attn: Frazer Howard

Submissions to the newsletter must be made by the 25th of the preceding month.

Previous issues of the newsletter are posted on our website at:

http://www.utoronto.ca/neurosci/newsletter_main.html

If you no longer would like to receive this newsletter, please contact p.neuroscience@utoronto.ca with subject line "unsubscribe from UTNP Newsletter"