

NEUROSCIENCE NEWSLETTER

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Michael G. Fehlings MD, PhD



Director, CPIN
David R. Hampson, PhD

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PROGRAM NEWS

DISTINGUISHED LECTURESHIP SERIES

Date | January 24, 2011
Time | 4:00pm
Location | Main Auditorium, TWH
Speaker | **DR. DAVID COLMAN** McGill University
Host | Dr. Michael G. Fehlings



Date | February 3, 2011
Topic | **Neuro-genetics of Amusia**
Speaker | **DR. ISABELLE PERETZ** University of Montreal
Host | Dr. Milton Charlton



Upcoming Speakers for 2010-11

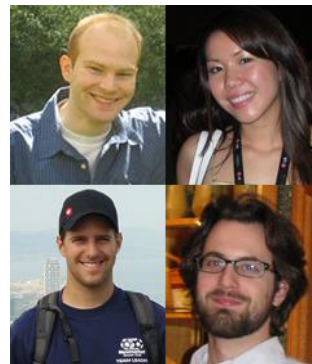
Dr. Pablo Castillo Einstein CM	February 24, 2011
Dr. Richard Tsien Stanford	March 10, 2011
Dr. Yadin Dudai Weizmann IS	March 31, 2011
Dr. Bruce Dobkin UCLA	June 8, 2011

Please note that the December 10, 2010 Distinguished Lecture from Emmanuel Mignot has been cancelled and he will be invited again in a future year.

CPIN Students must attend 75% of the Lectureship Series each year

UNDERGRADUATE Q&A

In conjunction with the Neuroscience Association for Undergraduate Students (NAUS), the UTPN held a question and answer session for undergraduate students interested in pursuing graduate studies in neuroscience. After an introductory overview of the UTPN and Collaborative Program by Professor David Hampson, a panel of 6 graduate students answered questions from the approximately 50 undergrads in attendance. The session was well-received by both the undergrads and the panellists and will held again in



the fall of 2011. Thanks to CPIN students (clockwise from top right) John Anderson, Helen Chiang, Luka Srejec, Graham Mazereeuw, Sakina Rizvi (not shown) and Maseih Moayed (not shown) for sitting on the panel and to Benjamin Davidson, Co-president, NAUS, for moderating the discussion.

UTNP RECEPTION AT SFN2010

We are pleased to announce the University of Toronto Neuroscience Program will again be hosting a reception at the Annual Society for Neuroscience Meeting. All attendees (faculty, students, postdoctoral fellows, technicians, alumni) from UoT and its affiliated organizations are invited.

The reception will be held Sunday November 14, 2010 from 6:30pm – 8:30pm in the Cardiff Room of the San Diego Marriott Hotel and Marina.

Refreshments and food will be served. We look forward to seeing you there!

For an interactive map of the location please go to: <http://bit.ly/sfn10-reception>

NEW CPIN STUDENTS

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

Student Name	Deg.	Dept	Supervisor
Bahar Salavati	MSc	IMS	Maru Barrera
Rana Arham Raashid	MSc	IMS	Agnes Wong
Daniela Bellicoso	PhD	Psychology	Martin Ralph
Joanna Dudek	PhD	Psychology	David W Haley
Tatyana Mollayeva	PhD	Rehab	Angela Colantonio

NEW FACULTY MEMBERS

We would like to welcome the following faculty who have recently joined the UTNP

Name	Department	Location
Claude Alain PhD	Psychology	Baycrest/RRI
Lothar Lilge PhD	Medical Biophys.	UHN/OCI
Junchul Kim PhD	Psychology	Sid Smith
Maru Barrera PhD	IMS	SickKids
Patrick McGowan PhD	CSB	UT Scarborough
Hong-Shuo Sun MD, PhD	Anatomy	Med Sci Bldg

MEMBER PUBLICATIONS

Haist F, Lee K and Stiles J (2010). Individuating Faces and Common Objects Produces Equal Responses in Putative Face Processing Areas in the Ventral Occipitotemporal Cortex. *Front. Hum. Neurosci.* 4:181. doi: 10.3389/fnhum.2010.00181 <http://bit.ly/lee-fihn-oct2010>

N-type Ca(2+) channels carry the largest current: implications for nanodomains and transmitter release. Weber AM, Wong FK, Tufford AR, Schlichter LC, Matveev V, Stanley EF. *Nat Neurosci.* 2010 Oct 17. [Epub ahead of print] PMID: 20953196 <http://bit.ly/stanley-natureneurosci-17102010> [Nat Neurosci] Also picked up by the 'Faculty of 1000' as a 'must read' <http://f1000.com/5680960#eval5653073> [Faculty of 1000]

PUBLICATIONS AND AWARDS

Please send us information regarding recent publications, awards or other achievements from your lab and we will share it with the UT Neuroscience community. Send your notification to the Program office:

p.neuroscience@utoronto.ca

NOTICE TO GRADUATING STUDENTS

Please notify the CPIN 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 CPIN office to indicate that you have completed the program's requirements. Please inform the office of your mailing address and thesis title. If you have transferred from a Master's degree to a PhD, please notify the CPIN office.

STUDENTS HELP RAISE MENTAL HEALTH AWARENESS

By tying coloured ribbons 'round our maple trees on the St. George campus, students and health promotion programs staff opened a conversation about mental health issues. <http://bit.ly/ut-mentalhealth-awareness> [UT News]

UT RESEARCH HAS IMPACT IN NHL

The National Hockey League has banned blindside blows to the head, thanks to U of T research.

<http://bit.ly/utresearch-nhl> [UT Faculty of Physical Education & Health]

AUTISM EXPLAINED

Professor Stephen Scherer discusses the neurodevelopmental conditions known as autism spectrum disorders (ASD).

<http://bit.ly/what-is-autism> [UT Research & Innovation]

U OF T RESEARCHER HAS LIPIDS ON HIS MIND

UTNP member Professor Anurag Tandon (Neurology, IMS, Tanz CRND) explores new way to map lipid-protein interaction in the brain

<http://bit.ly/tandon-utnews> [UT News]

CONFERENCE ON SCIENCE AND MINDFULNESS

The Dalai Lama joined U of T faculty members Laura-Ann Petitto (UTNP member, Psychology UT Scarborough), Adam Anderson (UTNP member, Psychology), Zindel Segal (Psychiatry) and Tony Toneatto (Psychiatry and academic liaison) at the Multi-Faith Centre on St. George campus for a symposium entitled Cognitive Science, Mindfulness and Consciousness.

<http://bit.ly/science-and-mindfulness> [UT News]

U OF T NEUROSCIENCE EVENTS AND SEMINARS

KREMBIL NEUROSCIENCE CENTRE GRAND ROUNDS

Held Thursdays 8:00am-9:00am

Main Auditorium, 2 West Wing, Room 401

Toronto Western Hospital

ROTMAN ROUNDS

Held Mondays at 3:30pm

Three times each month, in the Classrooms ABC, 2nd Floor, Hospital and once each month, in the Loftus Hall, Main Floor, Apotex, Baycrest Centre

CENTRE FOR BRAIN AND BEHAVIOUR CROSSTALKS

Held the last Thursday of every month 4:00pm

DI Multimedia Room (2810J) 2nd Floor Atrium, Diagnostic Imaging, SickKids Hospital

Contact: laurel.brown@sickkids.ca

EPILEPSY JOURNAL CLUB

First Tuesday of every month

Contact Erin Crawford erin.crawford@sickkids.ca for further information

Date | Monday November 1, 2010
Time | 3:30pm
Topic | **A tour of the McIntosh lab: Numbers, network, knowledge and neuropsychiatry**
Location | Classrooms ABC, 2nd Floor, Baycrest Centre
Speakers | **DR. RANDY MCINTOSH**, VP Research, Director and Senior Scientist, Rotman Research Institute, Baycrest Centre, Professor Department of Psychology, University of Toronto; **DR. NATASA KOVACEVIC**, Program Manager, **BRATISLAV MISIC**, Graduate Student, **DR. JENNIFER HEISZ**, Postdoctoral Fellow and **DR. MICHÈLE KOROSTIL**, Graduate Student, Rotman Research Institute, Baycrest Centre and University of Toronto
Host | Rotman Rounds | Rotman Research Institute

Date | Wednesday November 3, 2010
Time | 12:15pm - 1:30pm
Topic | **A comparison of brain activation during perception and vivid remembering of movies**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. BRADLEY BUCHSBAUM** Rotman Research Institute at Baycrest
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Thursday November 04, 2010
Time | 8:00 - 9:00am
Topic | **Resident Speakers**
Location | Main Auditorium, 2 West Wing, Room 401, Toronto Western Hospital
Speaker | Neurology **DR. BENJAMIN HUI** | Neurosurgery **DR. SAFRAZ MOHAMMED**
Host | Krembil Neuroscience Program Grand Rounds

Date | Friday November 5, 2010
Time | 2:00pm
Topic | **Plasticity of Neocortical Circuits**
Location | Ramsay Wright Bldg., Room 432, 25 Harbord Street, University of Toronto
Speaker | **DR. ARIANNA MAFFEI** Stony Brook University Department of Neurobiology & Behavior
Host | Dr. Melanie Woodin m.woodin@utoronto.ca | Cell & Systems Biology Departmental Seminar

Date | Wednesday November 10, 2010
Time | 12:15pm - 1:30pm
Topic | **Role of adult-born hippocampal neurons in proactive and retroactive interference. Evidence from animal experiments**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. MARTIN WOJTOWICZ** Department of Physiology, University of Toronto
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Friday November 12, 2010
Time | 11:00am - 5:00pm
Topic | **New Strategies to Take Advantage of the Automaticity of Postural and Locomotor Control Following SCI**
Location | Colony Grande Ballroom, 2nd floor, 89 Chestnut University of Toronto
Keynote Speaker | **DR. V. REGGIE EDGERTON** Professor, Physiological Sciences and Neurobiology Brain Research Institute, UCLA
Host | 2010 Tator-Turnbull Lectureship

Date | Wednesday November 17, 2010
Time | 12:15pm - 1:30pm
Topic | **TBA**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. CLAUDE ALAIN** Rotman Research Institute at Baycrest
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Wednesday December 1, 2010
Time | 12:15pm - 1:30pm
Topic | **Working memory updating**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. YOAV KESSLER** Rotman Research Institute at Baycrest
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Friday December 3, 2010
Time | 8:30 am -12:30 pm (Lunch 12:30 pm - 1:30 pm)
Topic | **Biomarkers in Childhood Brain Disease**
Location | Daniels Hollywood Theatre, Room 1246 Elm Wing, The Hospital for Sick Children, 555 University Avenue
Speakers | **DR. PATRICK KOCHANEK** Director of the Safar Center for Resuscitation Research and Professor – University of Pittsburgh | **DR. DANICA STANIMIROVIC** Associate Research Officer – National Research Council, Ottawa | **DR. JAMIE HUTCHISON** Scientist, Neurosciences & Mental Health Program, Research Director for the Department of Critical Care – SickKids and Associate Professor of Critical Care and Paediatrics, U of T | **DR. BRENDA BANWELL** Associate Scientist, Neurosciences & Mental Health Program and Director of Paediatric MS Clinic - SickKids | **DR. JAMES STAVROPOULOS** Co-Director Cytogenetics, Paediatric Laboratory Medicine, SickKids
Host | Dr Jamie Hutchison | Neurosciences & Mental Health Program
To confirm attendance please RSVP by Nov 29th to Sarah Haslegrave at 416-813-8945 or via email nmh.events@sickkids.ca

Date | Friday December 3, 2010
Time | 4:00pm
Topic | **Linking genetically defined neuron types to specific behaviors**
Location | Sidney Smith Hall, Room 2105, University of Toronto
Speakers | **DR. JUNCHUL KIM** Psychology, UT St. George
Host | 2010-2011 Brain and Behaviour Seminar Series | Department of Psychology, University of Toronto

Date | Friday December 10, 2010
Time | 1:00pm
Topic | **TBA**
Location | Main Auditorium WW 2-401 Toronto Western Hospital
Speaker | **DR. DIETMAR PLENZ**
Host | Dr. Frances Skinner | Toronto Western Research Institute Visiting Speaker Series

Date | Wednesday January 12, 2011
Time | 12:15pm - 1:30pm
Topic | **Can the neocortex rapidly learn Tenrecas? Evidence from lesion, neuroimaging and behavioral studies of “Fast Mapping”**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. ASAF GILBOA ROTMAN** Research Institute at Baycrest
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Wednesday January 19, 2011
Time | 12:15pm - 1:30pm
Topic | **Memory’s role in our social interactions**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. NIGEL GOPIE** Rotman Research Institute at Baycrest
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Monday January 24, 2011
Time | 4:00pm
Topic | **TBA**
Location | Main Auditorium, Toronto Western Hospital
Speaker | **DR. DAVID COLMAN** Director, Montreal Neurological Institute and Hospital
Host | Dr. Michael Fehlings | UTNP Distinguished Lectureship Series

Date | Wednesday February 2, 2011
Time | 12:15pm - 1:30pm
Topic | **TBA**
Location | Sidney Smith Hall, Room 3130 (3rd floor), University of Toronto St. George Campus, 100 St. George St.
Speaker | **DR. MARGARET MCKINNON** St. Joseph’s Healthcare Hamilton
Host | Ebbinghaus Empire Meetings | Department of Psychology University of Toronto

Date | Thursday February 3, 2011
Time | TBA
Topic | **Neuro-genetics of Amusia**
Location | TBA
Speaker | **DR. ISABELLE PERETZ** Département de psychologie, Université de Montréal
Host | Dr. Milton Charlton | UTNP Distinguished Lectureship Series

Date | Wednesday February 9, 2011
Time | 12:15pm - 1:30pm
Topic | **TBA**
Location | Sidney Smith Hall, Room 3130 (3rd floor),
University of Toronto St. George Campus, 100 St.
George St.
Speaker | **DR. BRIAN LEVINE** Rotman Research Institute
at Baycrest
Host | Ebbinghaus Empire Meetings | Department of
Psychology University of Toronto

Date | Wednesday February 16, 2011
Time | 12:15pm - 1:30pm
Topic | **TBA**
Location | Sidney Smith Hall, Room 3130 (3rd floor),
University of Toronto St. George Campus, 100 St.
George St.
Speaker | **DR. JORDAN POPPENK** Princeton University
Host | Ebbinghaus Empire Meetings | Department of
Psychology University of Toronto

Date | Thursday February 24, 2011
Time | TBA
Topic | **TBA**
Location | TBA
Speaker | **DR. PABLO CASTILLO** Albert Einstein College
of Medicine
Host | Dr. Melanie Woodin | UTPN Distinguished
Lectureship Series

UPCOMING NEUROSCIENCE MEETINGS

NEUROSCIENCE 2010 | SFN 40TH ANNUAL MEETING

Dates | **November 13-17, 2010**
Location | San Diego, California, USA
Website | www.sfn.org/am2010

KEYSTONE SYMPOSIA MEETING ON "ADULT NEUROGENESIS"

Dates | **January 9-14, 2011**
Location | Sagebrush Inn and Conference Center, Taos, New
Mexico, USA
Deadlines | Abstract & Scholarship – September 16, 2010 /
Late-Breaking Abstract – October 13, 2010 / Early
Registration Deadline – November 10, 2010
Website | www.keystonesymposia.org/11A5

THE 10TH INTERNATIONAL CONFERENCE ON ALZHEIMER'S & PARKINSON'S DISEASES (AD/PD 2011)

Explore New Horizons and Emerging Disease Modifying
Therapies
MARCH 9-13, 2011

We are pleased to announce the 10th International
Conference on Alzheimer's & Parkinson's Diseases (AD/PD
2011), which will be held in Barcelona in 2011.

This conference will feature a diverse, multi-disciplinary
scientific program covering the most recent research and
discoveries in etiology, neurobiology, diagnosis, imaging,
treatment and therapy.

AGING, OLD AGE, MEMORY, AESTHETICS

Dates | **March 25-27, 2011**

Location | University of Toronto

Website |

<http://sites.google.com/site/agingoldagememoryaesthetics/>

XXVTH INTERNATIONAL SYMPOSIUM ON CEREBRAL BLOOD FLOW, METABOLISM, AND FUNCTION & XTH INTERNATIONAL CONFERENCE ON QUANTIFICATION OF BRAIN FUNCTION WITH PET

Dates | **May 24-28, 2011**

Location | Barcelona, Spain

Website | <http://www2.kenes.com/brain/Pages/Home.aspx>

INTERNATIONAL NEUROETHICS CONFERENCE BRAIN MATTERS II

Theme | Ethics in the Translation of Neuroscience Research
to Psychiatric and Neurological Care

Dates | **May 26-27 2011**

Location | Montréal, Québec, Canada

Call for abstracts forthcoming

Contact | neuroethics@ircm.qc.ca

POSITIONS AVAILABLE

UNIVERSITY OF TORONTO & AFFILIATED INSTITUTIONS

RESEARCH TECHNICIAN POSITION IN SPINAL CORD INJURY RESEARCH

The Fehlings laboratory of spinal cord injury research at Toronto Western Hospital is looking for an experienced technician with experience in cellular electrophysiology/patch clamp, compound action potential recording, fluorescence imaging, immunohistochemical and molecular biology techniques.

Send resume and cover letter to:

Amy Lem

Research Administrative Assistant to

Michael G. Fehlings, MD, PhD, FRCSC, FACS Professor of Neurosurgery,

University of Toronto Medical Director, Krembil Neuroscience Program

Toronto Western Hospital, University Health Network

T: 416-603-5085 F: 416-603-5298

E: alem@uhnres.utoronto.ca

POSITION FOR A FUNCTIONAL MRI SCIENTIST - THE ROTMAN RESEARCH INSTITUTE, BAYCREST CENTRE

The Rotman Research Institute of Baycrest Centre invites applications for an fMRI physicist position. The successful candidate will engage in a research program on the development and application of structural and functional MRI techniques for neuroscience research. While pursuing an independent research program, he/she will be expected to collaborate on diverse studies of human cognition and neurological disorders that involve MRI research resources at Baycrest. The candidate must possess a PhD or equivalent and demonstrated experience in MRI. The Rotman Research Institute has a research-dedicated Siemens 3T TIM Trio MRI and fully-equipped electroencephalography and magnetoencephalography laboratories in-house. The successful candidate will play a central role in the coordination and operation of the MRI imaging facility.

Examples of research that a successful candidate would conduct include, but not limited to: development and refinement of MR pulse sequences for neuroimaging, development of MR acquisition tools and paradigms for studies in aging; development of novel methods to process and analyze both functional and structural MRI data. The successful candidate will benefit from the large collaborative neuroimaging community at The University of Toronto, and would be eligible for an academic at the assistant to associate

professor level. Applications are encouraged from qualified women and men, members of visible minorities, aboriginal peoples and persons with disabilities. In accordance with Canadian immigration requirements, this advertisement is directed initially to Canadian citizens and permanent residents.

Applicants should submit a covering letter describing current research interests and future research goals, a complete C.V., relevant reprints and the names of three potential references to:

Claude Alain, PhD

The Rotman Research Institute

Baycrest Centre for Geriatric Care

3560 Bathurst St, Toronto, Ontario, M6A 2E1

Tel (416) 785-2500, ext 3523; Fax (416) 785-2862

E-mail: calain@rotman-baycrest.on.ca

CANADA



CHAIR DEPARTMENT OF ANATOMY & CELL BIOLOGY

Request for Applications

The Schulich School of Medicine & Dentistry, at The University of Western Ontario, is inviting applications for the position of Chair in the Department of Anatomy & Cell Biology.

Anatomy & Cell Biology is a strong vibrant department with three main areas of strength: Cell Biology, Neurobiology and Clinical Anatomy. Research in Cell Biology focuses on Cancer, Vascular Biology and Stroke, Cell Communication and Cell Signaling. Research in Neurobiology includes Addiction and Reward, Schizophrenia, Spinal Cord Injury and Learning, Memory and Cognition. Clinical Anatomy research is centered on the development and testing of novel tools for the teaching of anatomy, as well as the application of anatomy in clinical settings such as surgery and radiology. The Department has approximately 16 000 sq. ft of renovated laboratory space and access to many core facilities located at the Schulich School of Medicine & Dentistry, and at the Robarts Research Institute. Facilities within the department include confocal microscopy, cell micromanipulation, live cell imaging, whole animal imaging, and animal behavioral equipment. The Department has a strong graduate program consisting of both Research and Clinical Anatomy Streams and an innovative undergraduate Honours program in Medical Cell Biology. In addition, the Department provides teaching to medical, dental, science and

health science students through undergraduate programs in the Schulich School of Medicine & Dentistry and the Faculties of Science and Health Sciences. The successful candidate should have a reputation for effective interpersonal, administrative and leadership skills and have a well-funded, successful research program. The new Chair will be expected to support the research, educational and interdisciplinary initiatives of the Department, to help maintain the positive forward momentum of the Department and to develop new initiatives in research/scholarship. The successful candidate must have a PhD or equivalent, and would receive a tenured academic appointment at the level of associate or full professor, as appropriate to their record of accomplishment in teaching and research. Candidates with a background in the anatomical sciences and a research program complementing existing research strengths are particularly encouraged to apply. However, applications from candidates with outstanding accomplishments in other research areas are also welcome. The position of Chair is for a five year term, renewable.

Details concerning the Department of Anatomy & Cell Biology, the Schulich School of Medicine & Dentistry, and The University of Western Ontario, London, Ontario, may be found at <http://www.uwo.ca/anatomy/>. Interested candidates should submit a CV outlining their research, teaching, and administrative experience and interests, including future directions, together with the names and addresses of three referees to:

Dr. Michael Strong, Dean
Schulich School of Medicine & Dentistry
Room 3701A
Clinical Skills Building
The University of Western Ontario
London, Ontario N6A 5C1
FAX: (519) 850-2357

The competition will remain open until the position is filled.

UNITED STATES

WAYNE STATE UNIVERSITY BEHAVIORAL/COGNITIVE NEUROSCIENTIST – WAYNE STATE UNIVERSITY.

As part of the University's initiative to enhance existing programs of excellence, the Behavioral and Cognitive Neuroscience Program in the Department of Psychology invites applications for a tenure-track faculty appointment. Research at all levels of analysis that employ modern neurobiological and neurocognitive techniques is welcome.

Successful candidates will be expected to develop an independent, externally funded research program that not only complements and interacts with existing strengths in the department but also stimulates collaborations with other research areas of the department: neurobiology of emotion and social interaction, psychopharmacology, developmental biopsychology, learning and memory, and cognitive processes. Applicants must also have a strong commitment to both undergraduate and graduate education.

Excellent facilities exist for either human or animal research models. Wayne State University is a Carnegie Doctoral/Research University-Extensive located in the cultural center of Detroit within a metropolitan area of five million people. Information about the Department and the University can be found at <http://www.clas.wayne.edu/Psychology> and <http://www.wayne.edu>. Review of applications will begin immediately. To receive full consideration, applications should arrive by November 1, 2010.

Applicants should submit a CV, key reprints/preprints, statements of research and teaching interests, and arrange to have three letters of reference sent to R. Douglas Whitman, Chair, Department of Psychology, Wayne State University, 5057 Woodward Avenue, Suite 7908, Detroit, MI 48202. Wayne State is an Affirmative Action/Equal Access/Equal Opportunity Employer that encourages women and minority candidates to apply.

FUNDING ANNOUNCEMENTS

Fox Foundation for Parkinson's Research, Michael J. (MJFF) : Rapid Response Innovation Awards - Edmond J. Safra Core Program for PD Research. To promote testing of novel hypotheses, funding from our Rapid Response Innovation Awards program quickly supports high-risk, high-reward projects with little to no existing preliminary data, but potential to significantly impact our understanding or treatment of PD. Deadline for Applications: Continuous.

Cerebral Palsy International Research Foundation (CPIRF) : Research Grant Program. The foundation provides funding for pilot studies on research important to the prevention and treatment of cerebral palsy, including improvement in the quality of life of persons with disabilities due to cerebral palsy and closely related developmental brain disorders. This broad research agenda includes basic, clinical and applied research in the biomedical and bioengineering sciences. Deadlines for Submissions: Continuous.

Autism Speaks : *Pilot Grants*: Autism Speaks invites grant

applications from investigators to conduct research pilot studies into the causes, diagnosis, treatment, prevention and cure of autism spectrum disorders. *Trailblazer Grants*: The Trailblazer Award mechanism will support highly novel "out of the box" autism-relevant research that addresses significant roadblocks or that can open new avenues to understanding the causes, diagnosis, subtyping, prevention, treatments, and cure of autism spectrum disorders. The Trailblazer Award mechanism is designed to fund small investigator-initiated high risk/high impact projects that are potentially transformative. Examples of good fits are: 1) projects that may be too risky for regular research mechanisms, including the Autism Speaks pilot study research grants, and/or 2) studies that are time-sensitive in their ability to leverage an exceptional opportunity for conducting highly innovative and relevant ASD research. Deadline: Rolling Submissions (see RFA).

Alzheimer Society of Canada : Research Grants, Research Training Awards. The ASR Program focuses on two research streams, Biomedical, and Quality of Life. The Biomedical Stream provides funding for research into basic biological mechanisms related to brain changes associated with the disease, and into the identification of therapeutic agents to combat the disease. Applications dealing, for example, with brain-behaviour mechanisms, biochemical changes and molecular genetics are processed in the Biomedical stream. While the Quality of Life stream is concerned with all aspects of dementia care and support, the Alzheimer Society has a particular interest in the means to improve the way care is experienced by people with dementia living in long term care homes, and their families. The research most favoured will be based on a person-centred philosophy, specifically the study of interventions that support person-centred care of people with dementia living in long term care homes. **Deadline for Submissions: November 19, 2010.**

American Foundation for Suicide Prevention (AFSP) : Research Grants Program. All AFSP research grants are designed to support research on suicide from a variety of disciplines, including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, and many others. Grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component. **Deadline for all Grant Mechanisms: December 1, 2010.**

American Academy of Otolaryngology - Head and Neck Surgery (AAO-HNSF) : Centralized Otolaryngology Research Efforts (CORE) Grant Program. The Plastic Surgery Educational Foundation (PSEF) and the AAO-HNSF offer the PSEF/AAO-HNSF Combined Grant to support a collaborative PSEF/AAO-HNSF research project. Applications must show evidence of a collaborative effort between the two surgical specialties. **Deadline for Letters of Intent: December 15, 2010.**

National Brain Tumor Society (NBTS) : Systems Biology Approaches to Brain Tumor Research - Stage 1. NBTS believes in the potential positive impact of brain tumor research that embraces a systems biology perspective at all levels, from a bottom up approach to a top down approach. NBTS looks to encourage a systems biology perspective in any area of brain tumor research ranging from signal transduction to immunotherapeutics to mathematical algorithms for high throughput testing of therapeutic hypotheses. NBTS recognizes the challenges in developing creative and innovative research programs from this perspective, particularly for the bottom up approach. As such, NBTS will employ a two-stage grant process. **Deadline for Stage 1 Applications: December 17, 2010.**



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