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# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

## PROGRAM NEWS

### DISTINGUISHED LECTURESHIP SERIES

Date | January 24, 2011

Time | 4:00pm

Topic | **How Science is Best Done & The New Neuroscience**

Location | Main Auditorium, TWH

Speaker | **DR. DAVID COLMAN** McGill

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

<b>Dr. Pablo Castillo   Einstein CM</b>	February 24, 2011
<b>Dr. Richard Tsien   Stanford</b>	March 10, 2011
<b>Dr. Yadin Dudai   Weizmann IS</b>	March 31, 2011
<b>Dr. Bruce Dobkin   UCLA</b>	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

### NEW CPIN STUDENTS

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

Student Name	Deg.	Dept	Supervisor
<b>Peter Hawrysh</b>	MSc	CSB	Les Buck
<b>Sofia Huroy</b>	MSc	Pharmacy	Jeff Henderson
<b>Daniel Lee</b>	PhD	Pharmacy	Jeff Henderson
<b>Stephanie Grella</b>	PhD	Pharmacology	Anh Dzung Lê
<b>Gabriela Rozanski</b>	MSc	Physiology	Elise F Stanley

### NEW FACULTY MEMBERS

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

Name	Department	Location
<b>Anh Dzung Lê PhD</b>	Pharmacology	CAMH

### SfN2010 RECEPTION AND TRAINEE AWARDS



Thank you to all who joined us at the San Diego Marriott Hotel and Marina on November 14, 2010 for the UTNP reception at the 40<sup>th</sup> Annual Meeting of the Society for Neuroscience. Over 130 students, faculty, postdocs and other affiliated staff met for drinks and food. We also welcomed representatives from NeuroDevNet and the Canadian Association for Neuroscience.

Michael Fehlings and David Hampson took the stage to note Program highlights from the past year and plans for the near future as well as announce the recipients of the UTNP SfN2010 Trainee Awards (pictured left) and thank the judges of the abstract competition.

The following trainees each received a \$500 award in support of their presentation at SfN2010:

Sarah Figley	Beverly Francis
Brooke Acton	Katherine Akers
Greer Kirshenbaum	Xing Sun
Laura Tan	Martijn van Raaij
Amy Wilkinson	Adelaide Yiu

Special thanks to the UTNP members who volunteered to judge the abstract competition: Michelle Aarts, Paul Fletcher, Sasha John, Bradley MacIntosh, Mary Pat McAndrews, Elizabeth Pang, Mary Tierney and Shun Wong, Susanne Benseler, Sheena Josselyn, Linda Mills, Mary Nagai, Ian Rogers, Frances Skinner

The reception was a great success and we look forward to seeing everyone next year at SfN2011 in Washington DC.

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Director UTNP |  
Michael G. Fehlings MD PhD



Director CPIN |  
David R. Hampson PhD

Planning & Operations | Alexander A. Velumian PhD, DSc  
Program Coordinator | Frazer Howard  
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Hospital  
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Dan Faculty of Pharmacy, University of Toronto  
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Phone | 416 978 8761 Fax | 416 978 8511  
Website | [www.neuroscience.utoronto.ca](http://www.neuroscience.utoronto.ca)

## TORONTO DEMENTIA RESEARCH ALLIANCE

Barry Greenberg presented to the UTNP Advisory Council on the Toronto Dementia Research Alliance, a research collective comprised of Baycrest Centre, Sunnybrook, University Health Network, Centre for Addiction and Mental Health, St. Michael's Hospital and the University of Toronto.

The presentation is available here: <http://bit.ly/utnp-tdra>

For more information, please contact Barry Greenberg [bgreenbe@uhnresearch.ca](mailto:bgreenbe@uhnresearch.ca)

## NEW & RENEWED CANADA RESEARCH CHAIRS

Congratulations to UTNP member Michael Tymianski, [University Health Network/Faculty of Medicine], awarded the Tier I CRC in Translational Stroke Research, one of nine new Canada Research Chairs awarded to University of Toronto researchers on November 23, 2010.

Congratulations also to UTNP members Michael Salter, Hospital for Sick Children/Faculty of Medicine, CRC in Neuroplasticity and Pain and Min Zhuo, Physiology, CRC in Pain and Cognition who had their chairs renewed.

UofT has 249 chairs, the largest number at any university in the country.

More | <http://bit.ly/utnp-crc10> [UT News]

## 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](mailto: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.

## 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](mailto:laurel.brown@sickkids.ca)

### EPILEPSY JOURNAL CLUB

First Tuesday of every month

Contact Erin Crawford [erin.crawford@sickkids.ca](mailto:erin.crawford@sickkids.ca) for further information

Date | Thursday December 2, 2010

Time | 8:00 - 9:00am

Topic | **Resident Speakers**

Location | Main Auditorium, 2 West Wing, Room 401, Toronto Western Hospital

Speaker | Neurology **DR. DERRY DANCE** | Neurosurgery **DR. SOHA AL OMAR**

Host | Krembil Neuroscience Program Grand Rounds

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 KOCHANNEK** 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 3, 2010  
 Time | 4:00pm  
 Topic | **Memory and hippocampal theta oscillations: a study using intracranial EEG in humans**  
 Location | Medical Sciences Building, Room 4227, University of Toronto  
 Speaker | **MS. CORNELIA MCCORMICK** [Mary Pat McAndrews' lab]  
 Host | UTERP Fellows' Meeting

Date | Monday December 6, 2010  
 Time | 3:30pm  
 Theme | **Functional MRI Analyses of Interactive Sensorimotor Tasks featuring Gradual Learning, Improved Generalizability, and Naturalistic Stimuli for Enhanced Ecologic Validity in Neural Rehabilitation**  
 Location | Classrooms ABC, 2nd Floor, Baycrest Centre  
 Speaker | **DR. RYAN CASSIDY** Postdoctoral Fellow Rotman Research, Baycrest, Institute for Biomaterials and Biomedical Engineering, University of Toronto  
 Host | Rotman Rounds | Rotman Research Institute

Date | Friday December 10, 2010  
 Time | 1:00pm  
 Topic | **Neuronal avalanches**  
 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 | **How Science is Best Done & The New Neuroscience**  
 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

### 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](http://www.keystonesymposia.org/11A5)

### Conference | **THE 7TH ANNUAL UPDATE SYMPOSIUM SERIES ON CLINICAL NEUROLOGY AND NEUROPHYSIOLOGY 2011**

Dates | February 21-22, 2011  
 Location | Dan Panorama Hotel Tel Aviv, Israel  
 Website | [www.neurophysiology-symposium.com](http://www.neurophysiology-symposium.com)

### **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.

### Conference | **GORDON RESEARCH CONFERENCE ON DENDRITES**

Date | March 13-18, 2011

Location | Ventura Beach Marriott, California.

Website |

<http://www.grc.org/programs.aspx?year=2011&program=dendrites>

### **AGING, OLD AGE, MEMORY, AESTHETICS**

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

Location | University of Toronto

Website |

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

### Conference | **INAUGURAL CONFERENCE OF THE ROTMAN RESEARCH INSTITUTE AND THE KUNIN-LUNENFELD APPLIED RESEARCH UNIT NEUROSCIENCE OF EMOTION AND EMOTION-RELATED DISORDERS**

Date | March 27-29, 2011

Location | The Four Seasons Hotel, 21 Avenue Road, Toronto, Canada

Website | [www.rotman-baycrest.on.ca](http://www.rotman-baycrest.on.ca)

Contact | Paula Ferreira 416-785-2500x2363 / [pferreira@baycrest.org](mailto:pferreira@baycrest.org)

### **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](mailto:neuroethics@ircm.qc.ca)

## POSITIONS AVAILABLE UNIVERSITY OF TORONTO & AFFILIATED INSTITUTIONS

### RESEARCH POSITION - NEUROSCIENCE AND MENTAL HEALTH PROGRAMME, SICKKIDS

A full-time research position at the Neuroscience and Mental Health Programme of the Hospital for Sick Children is offered to work on biophysics projects centred on brain signal analyses, using Matlab software. Our research focuses on the study of brain coordinated activity derived from a variety of recordings (electroencephalography and magnetoencephalography principally). The data analysis uses concepts from the physics and engineering fields, and includes frameworks like phase synchronization. The projects are funded by two operating grants for, at least, the period of January 2011-May 2012, with possibility to be extended (dependent upon obtaining other funds), with the stipend of \$35,000/year. The major requirement is an excellent knowledge of coding in Matlab, mostly as applied to signal analysis, and, while not necessary, some experience or interest in neuroscience and biophysics would be advantageous. The job includes helping members of our team with Matlab codes, data analysis, and contributing with the organisation of experiments that will predominantly involve cognitive tasks performed in our magnetoencephalographic (MEG) recording facility of the Hospital for Sick Children (but no knowledge of MEG is required as technicians in our institute perform the recordings).



Those interested should submit a CV to Jose Luis Perez Velazquez, [jlvp@sickkids.ca](mailto:jlvp@sickkids.ca), or [jose-luis.perez-velazquez@sickkids.ca](mailto:jose-luis.perez-velazquez@sickkids.ca)

### PROFESSOR (TENURE-STREAM), UNIVERSITY OF TORONTO NEURAL ENGINEERING, REGENERATION and REHABILITATION

The Institute of Biomaterials and Biomedical Engineering and the Department Electrical and Computer Engineering jointly invite applications for a Tenure-track position (all ranks) in

one or a combination of the fields of neural engineering, neural-prosthetics or neuro-modulation systems. Of particular interest is research at the interface of these areas and systems biology, with a focus on system and component design, signal processing, sensory-motor integration, neuro-muscular-sensory and cognitive control systems, and/or communications technology.

Applicants are expected to have a Ph.D. or equivalent, a strong background in electrical or biomedical engineering or a closely related field, excellent teaching skills, demonstrated excellence in research and success in collaborative and interdisciplinary research at the interface between engineering and medicine/dentistry. The successful candidate will be expected to initiate and lead an independent research program of international caliber. The successful candidate will also be expected to teach at the undergraduate and post-graduate level in biomedical, electrical and computer engineering. Collegial interaction will be an important element in success. Salary will be commensurate with qualifications and experience.

Toronto has one of the most concentrated Biomedical Research communities in the world with >5,000 principal investigators affiliated with the University and its hospital network and an  $\approx$  \$800M in annual research investment. The successful applicant will be expected to contribute to collaborative research initiatives with IBME's affiliated neural research centres at the Toronto Western Hospital and the Toronto Rehabilitation Institute, where Internationally recognized research in the areas of deep brain stimulation, Parkinson's disease, epilepsy, dystonia, spinal cord injury, cognitive disorders, neural regeneration and other neural related challenges are pursued. Exceptional candidates may be nominated for a Canada Research Chair <http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>

Applicants should send a curriculum vitae and a statement concerning research and teaching interests (three to five pages), and should arrange to have sent directly three letters of reference to:

Professor Willy Wong (c/o Susan Reeves), Chair of the Biomedical Engineering Search Committee at [director.ibbme@utoronto.ca](mailto:director.ibbme@utoronto.ca).

The search will continue until the position is filled. To ensure consideration, interested individuals should deliver their application before February 20, 2011.

Information: <http://www.ece.utoronto.ca> and <http://www.ibbme.utoronto.ca>



## 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](mailto:alem@uhnres.utoronto.ca)

## CANADA

### Professor of Education in the Health Sciences Department of Family and Emergency Medicine

Université Laval is North America's largest francophone university and one of Canada's most important institutions for higher-level education. With strong ties to its community, Université Laval boasts a top-notch training and research environment in the heart of Quebec City, a UNESCO world heritage site.

The Department of Family Medicine and Emergency Medicine of the Faculty of Medicine of Université Laval is soliciting candidatures for the position of professor of research in education in the health sciences. The successful candidate will undertake activities associated with the mission of the Vice-Deanship of Pedagogy and Continuing Professional Development, namely, to develop, promote and support education in the health sciences.

#### Mandate

As a professional dedicated to research and training in education in the health sciences, the professor is expected to conduct his/her research program, the financing of which s/he ensures by obtaining grants from funding organizations; advise and counsel his/her colleagues and collaborate with other professors in submitting grant applications and conducting research; disseminate knowledge and research findings by making scientific presentations in internal and external academic and research networks at the regional,

provincial, national and international levels, and by publishing articles, reports, and other documents in peer-reviewed media; take an active part in teaching and supervising undergraduate, graduate, and post-graduate students; develop and furnish consulting and training services to professors, professionals, and other partners, principally as regards research in education in the health sciences; help promote and develop the sector of research in education in the health sciences within the Vice-Deanship of Pedagogy and Continuing Professional Development; and participate in the scientific and administrative activities of the Department of Family Medicine and Emergency Medicine of the Faculty of Medicine of Université Laval and the Vice-Deanship of Pedagogy and Continuing Professional Development.

#### Qualifications and skills

- A doctorate (PhD) in education or a related discipline (candidates who have completed post-graduate work will be preferred)
- Sound knowledge of research methods in education or a related field
- Experience teaching in the university setting is desirable, as is experience supervising graduate and post-graduate students
- Leadership, autonomy, and the ability to work well within a team
- Fluency in French and in English

#### Description of the position

- Regular full-time professor (who will join the Union of Professors of Université Laval; Syndicat des Professeurs de l'Université Laval [SPUL]) within the Department of Family Medicine and Emergency Medicine
- Rank, salary and benefits to be determined according to the collective bargaining agreement

#### Entry date 1 June 2011

Interested candidates must submit their resume and a letter summarizing their qualifications and aptitudes for the position no later than 31 December 2010 to:

Dr Gilles Lortie

Président du comité de sélection

Directeur du Département de médecine familiale et médecine d'urgence

Université Laval

1050, avenue de la Médecine

Pavillon Ferdinand-Vandry, local 4617

Québec (Québec) G1V 0A6

Telephone: 418 656-2131, extension 11336



Fax: 418 656-5252

Email: [gilles.lortie@fmed.ulaval.ca](mailto:gilles.lortie@fmed.ulaval.ca)

#### CHAIR DEPARTMENT OF ANATOMY & CELL BIOLOGY

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

##### POSTDOCTORAL FELLOW | STANFORD UNIVERSITY SCHOOL OF MEDICINE

A postdoctoral fellow position is available in the Penn laboratory at Stanford



University School of Medicine. We seek a highly motivated individual with expertise in developmental neuroscience and mouse embryology to join our team. The lab aims to understand the placenta's hormonal contribution to brain development by developing novel mouse models. An NIH Director's New Innovator Award (<http://nihroadmap.nih.gov/newinnovator/>) will support this postdoctoral research.

The successful candidate will have a PhD and a proven track record of productivity. A candidate must have skills in: transgenic mouse development, embryology and/or neural stem cell biology. Applicants must have the ability to work both independently and as part of a team. Strong communication skills are needed. Appointment is for a one-year term, renewable annually for up to 5 years. Start date for this position is December, 2010 to March, 2011 (negotiable)

.Applicants should submit a statement of research interests and experience, a CV with publications, and contact information for three letters of reference to Anna Penn, MD, PhD. Email: [apenn@stanford.edu](mailto:apenn@stanford.edu)

Web: <http://pennlab.stanford.edu/>

## 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.

**[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.**

**[Autism Speaks](#)** : **New Research and Training Grant Opportunities.** Autism Speaks supports global biomedical research into the diagnosis, causes, prevention, and treatment of autism. The current grant requests include the 2011 Weatherstone Predoctoral Fellowships and Treatment grants, now available at both Full and Pilot Levels. **Deadline for Letters of Intent: December 14, 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.**

**[Reeve Foundation, Christopher and Dana \(CDRF\)](#)** : **Individual Research Grants.** The Individual Grants Program, the largest and most comprehensive of the CDRF research initiatives, supports investigator-initiated research on a variety of fronts, including axon growth and guidance, remyelination, cellular replacement, rehabilitation, and neuroprotection. **Deadline for Applications: December 15, 2010**

**[Muscular Dystrophy Association \(MDA\) - USA](#)** : Research Grants Program. MDA supports research aimed at developing



treatments for the muscular dystrophies and related diseases of the neuromuscular system. These are the muscular dystrophies (among which are Duchenne and Becker); motor neuron diseases (including ALS and SMA); the peripheral nerve disorders (CMT and Friedreich's ataxia); inflammatory myopathies; disorders of the neuromuscular junction; metabolic diseases of muscle as well as other myopathies. **Deadline for Letters of Intent: December 15, 2010; July 15, 2011.**

**Dystonia Medical Research Foundation (DMRF)** : Research Grants. Research grants are available in support of hypothesis-driven research at the genetic, molecular, cellular, systems, or behavioral levels that may directly or indirectly lead to a better understanding of the pathophysiology or to new therapies for any or all forms of dystonia. DMRF also offers 2 year Fellowships. **Deadline for Submissions: 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.**

**Alzheimer's Association** : **International Research Grant Program.** Available opportunities include New Investigator Research Grants; Everyday Technologies for Alzheimer Care Grants; and Mentored New Investigator Research Grant to Promote Diversity. **Deadline for Letters of Intent: January 3, 2011.**

**Simons Foundation** : **Simons Foundation Autism Research Initiative (SFARI).** The Foundation solicits applications for SFARI Awards from individuals who will conduct bold, imaginative, rigorous research relevant research. A deeper understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches will require investigation at multiple levels, including but not limited to studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behavior. The foundation will consider proposals at all of these levels. Investigators may submit three types of applications: Pilot Awards, Individual Awards, or Project Awards. **Deadline for Letters of Intent: January 4, 2010.**

**National Multiple Sclerosis Society (NMSS)** : **Research Grants.** The society welcomes applications for studies related to multiple sclerosis that may serve in any way to advance the society's mission of preventing, treating, and curing MS and improving quality of life. The society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation. **Deadline for Submissions: February 2, 2011.**



## SUBMISSION & CONTACT INFORMATION

Email: [p.neuroscience@utoronto.ca](mailto: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](mailto:p.neuroscience@utoronto.ca) with subject line "unsubscribe from UTNP Newsletter"