

www.neuroscience.utoronto.ca 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



WELCOME BACK

We hope you had a restful and safe winter break and are eager for a rewarding 2011. Our Distinguished Lectureship Series continues with Dr. David Colman from McGill on January 24. Other upcoming activities this spring include the Toronto Brain Bee, coordinated by Professor Zhong-Ping Feng and the UTNP Poster Day.

LANG RECIEVES ORDER OF CANADA

Professor Anthony Lang (Neurology, TCRND) was among the 54 new appointments to the Order of Canada, this country's



highest honour for a lifetime of outstanding achievement. The appointments -- 12 officers and 42 members -- were announced Dec. 30 by Governor General

David Johnston. Lang is cited for his contributions to the field of movement disorders, notably for advancing the therapeutics of Parkinson's disease.

More | <http://bit.ly/e6vV3g> [Toronto Star]

More | <http://bit.ly/f2iJLe> [UT News]

Date | February 3, 2011
Time | 2:00pm
Topic | **Neuro-genetics of Amusia**
Speaker | **DR. ISABELLE PERETZ** University of Montreal
Location | Medical Sciences Building, Rm 3153
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

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
Ziad Butty	MSc	IMS	John Flanagan

NEW FACULTY MEMBERS

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

Name	Department	Location
John G Flanagan PhD	Ophthalmology & Vision Sciences	UHN TWH

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University of Toronto Neuroscience Program Newsletter
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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.

CPIN GRADUATES

Congratulations to the following Collaborative Program students who graduated in November 2010:

Student	Deg	Dept	Supervisor
Daniel Adusei	MSc	Pharmacy	DR Hampson
Title Early Developmental Alterations in GABAergic Protein Expression in Fragile X Knockout Mice			
Emma McIlveen-Brown	MA	HDAP	R Tannock
Title Motor Performance in Adolescents with ADHD			
Maria Brunello	MSc	Physiology	JO Dostrovsky
Title The Thermal Grill Illusion of Pain: Characterizing Differences in Response across Body Sites			
Joseph Findlater	MSc	LMP	J Robertson
Title Peripherin-28 as a Biomarker of ALS: A Methodological Study			

Student	Deg	Dept	Supervisor
Adrienne Elbert	MSc	IMS	C Barr
Title Identification of Genes and Putative Regulatory Variants contributing to Reading Disabilities and Attention Deficit/Hyperactivity Disorder			
Tina Elahipanah	MSc	Physiology	Z Seltzer
Title Identification of Candidate Genes for Neuropathic Pain at the Pain1 Locus on Mouse Chromosome 15			
Andrew Barszczyk	MSc	Physiology	M Tymianski
Title A Peptide Comprising the Src-interacting Domain of NADH Dehydrogenase Subunit 2 Alleviates Complete Freund's Adjuvant-induced Allodynia in Rats			
Soghra Joughehdoust	MSc	Physiology	LR Mills
Title Resveratrol Increases the Mitochondrial Protein Import in Differentiated PC12 Cells			
Hyunhee Kim	MSc	Physiology	EF Stanley
Title Sandwich Synapse: Chemical Transmission between Dorsal Root Ganglion Somata via Intervening Satellite Cell			
Aneta Krakowski	MSc	IMS	P Frankland
Title The Functional Integration of Adult-born Granule Cells into Dentate Gyrus Circuitry			
Amy Ma	PhD	Pharmacy	JW Wells
Title Nature and Function of the Signaling Complex Formed by the M2 Muscarinic Cholinergic Receptor			
Aqsa Malik	MSc	CSB	LT Buck
Title Adenosinergic and GABAergic Modulation of Neuronal Activity in the Hypoxia-tolerant Pond Snail <i>Lymnaea stagnalis</i>			
Michelle McFarlane	MSc	IMS	CA Westall
Title Poor Glycemic Control is Associated with Neuroretinal Dysfunction in Short-Wavelength Cone Pathways of Adolescents with Type 1 Diabetes			
Tiffany Ng	MSc	CSB	DA Lovejoy
Title The Effect of Teneurin C-terminal Associated Peptide-1 (TCAP-1): Protection Against Hypoxic- stress and Regulation of Brain-derived Neurotrophic Factor (BDNF) in Immortalized Hypothalamic N38 Cells			
Kevin Sam	MSc	CSB	MM Aarts
Title Differential Protein Interactions of NMDA Receptor NR2 Subunit			
Katia Sinopoli	PhD	Psychology	M Dennis
Title Inhibitory Control and Reward Processes in Children and Adolescents with Traumatic Brain Injury and Secondary Attention-deficit/Hyperactivity Disorder			
Adam Teitelbaum	MSc	IMS	JL Perez-Velazquez
Title The Brain Coordination Dynamics of Autism: A Study of Auditory Attention			
Zikai Zhou	PhD	Physiology	ZP Jia
Title Role of GluR2-N-cadherin Interaction in the Regulation of Hippocampal Metabotropic Glutamate Receptor-dependent Long-term Depression			

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 | Wednesday January 12, 2011

Time | 12:15pm - 1:30pm

Topic | **Can the neocortex rapidly learn Tenrecs? 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 | 2:00pm

Topic | **Neuro-genetics of Amusia**

Location | Medical Science Building, Rm 3153, University of Toronto

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 | UTNP 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



2011 UOFT NEUROINFLAMMATION SYMPOSIUM

Dates | **February 3-5, 2011**

Location | The Kingsbridge Centre King City, Ontario

Keynote Speaker | **DR. EVAN Y. SNYDER**, MD PhD, Sanford-Burnham Medical Research Institute, California

Topic | Therapeutic Potential of Stem Cells in CNS Injury & Inflammation

Website | <http://guest.cvent.com/d/qdqt5n>

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

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

Dates | **March 9-13, 2011**

Location | Barcelona, Spain

Theme | Explore New Horizons and Emerging Disease Modifying Therapies

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.

GORDON RESEARCH CONFERENCE ON DENDRITES

Date | March 13-18, 2011

Location | Ventura Beach Marriott, California.

Website | www.grc.org

AGING, OLD AGE, MEMORY, AESTHETICS

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

Location | University of Toronto

Website |

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

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

Contact | Paula Ferreira 416-785-2500x2363 /

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

2011 INTERNATIONAL CONFERENCE ON BRAIN INJURY IN CHILDREN

Topics | Pre-and Peri-natal brain injury, Non-accidental brain injury, Head injury in sport, Management of severe traumatic brain injury, Non-traumatic causes of brain injury, Neurorehabilitation

Dates | **July 12-14, 2011**

Location | Four Seasons Hotel, Toronto

Website | www.sickkidsbrainconference.ca

ACQUIRED BRAIN INJURY 2011 PROVINCIAL CONFERENCE

Date | **November 2-4, 2011**

Location | Sheraton on the Falls Hotel, Niagara Falls, Ontario

Website | www.obia.on.ca

POSITIONS AVAILABLE

UNIVERSITY OF TORONTO & AFFILIATED INSTITUTIONS

POSTDOCTORAL FELLOWSHIP IN MEMORY AND PAIN

Departments of Physiology and Anesthesia, University of Toronto

Job Description

The goal is to understand function and expression of GABA-A receptors and their influence on memory and pain. Fellows will use a variety of methods including patch clamp electrophysiology, and/or assays of animal behavior, Western blotting, q-PCR and immunostaining. The position will start immediately and is contracted to work for at least one year with the possibility of additional years. The salary will be consistent with the Canadian Institutes of Health Research (CIHR) guidelines.

Qualifications, Skills and Experience

Qualifications include a Doctoral Degree in Neuroscience or related field

Experience using patch clamp electrophysiological techniques or biochemical analysis methods

Established publication record Previous experience using biochemical analysis methods, data analysis and writing manuscripts

Preference will be given to candidates who are within the first three years after completion of their doctoral studies

Contact Information

If interested, please send a copy of the curriculum vitae and cover letter or personal statement to Beverley.Orser@utoronto.ca; phone 416-978-0574

STANLEY LAB | TWO POSTDOCTORAL POSITIONS | JUNIOR TECHNICIAN

The laboratory of Elise Stanley seeks two postdoctoral fellows and a junior technician to work on the biology of transmitter release at presynaptic terminals. We are recognized internationally as leaders in the area of presynaptic function and molecular structure with respect to calcium channel gating of transmitter release, a fundamental mechanism important to virtually all brain functions and disorders. The laboratory has achieved a number of exciting firsts including: the first recording of presynaptic calcium currents in a vertebrate; recording single transmitter release site calcium channels; demonstrating that a single calcium channels can trigger synaptic vesicle fusion; biochemical characterization of the 'transmitter release site organelle' etc. (see: J. Neuroscience, Neuron, PNAS, Nature, Nature Neuroscience etc). The successful applicants will:

PDF 1. Analyze presynaptic 'nanophysiology' of release and facilitation (CIHR funded project). The PDF will apply patch clamp recording to a novel calyx-type presynaptic terminal combined with laser-based flash photolysis to explore the biology of the presynaptic calcium channel and the role of calcium ions in short-term facilitation. We seek PDF with electrophysiology experience preferably with a neuroscience or cellular physiology background.

PDF 2. Explore the structure of the presynaptic release site scaffold (CIHR funded project). The PDF will use biochemical, molecular biological and immunocytochemical methods to analyze the organization of the molecular scaffold that links calcium channels to the secretory vesicle docking and release complex. We seek a PDF with biochemical/molecular biology experience, preferably with a neuroscience or cell biology background.

Laboratory Assistant (temporary position with possibilities for conversion). With a strong background in protein molecular biology techniques will work with graduate student and PDF trainees and will make fusion proteins etc to support laboratory projects (this is initially a temporary position but with possibilities for renewal).

Competitive stipends, according to experience.

Please send a letter of interest, a CV and contact information for three references to:

Elise F. Stanley PhD at estanley@uhnres.utoronto.ca

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, jlpv@sickkids.ca, or 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 ≈ \$800M in annual research investment. The successful applicant will be expected to contribute to collaborative research initiatives with IBBME'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.

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 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

CANADA

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

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.

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

Muscular Dystrophy Canada/ALS Society of Canada/CIHR : 2011 Neuromuscular Research Partnership. The intent of the program is to fund outstanding research in the in following broad categories of research: Basic research involving muscle or nerve biology relevant to neuromuscular disease; Focused research directed toward an understanding of neuromuscular disease; and Applied research encompassing research designed specifically to translate promising research advances from basic research and focused research into pre-clinical and clinical investigations relevant to treatment of neuromuscular disease, but not including drug trials.

Deadline for Applications: March 1, 2011.

Saskatchewan Health Research Foundation (SHRF) : Clinical Trials of Liberation Procedure for Multiple Sclerosis. The call for proposals focuses on answering this research question: Is the liberation procedure a safe and effective treatment for MS patients to relieve symptoms and improve quality of life? This \$5 million call for proposals invites researchers to submit plans to undertake clinical trials on the liberation treatment for MS.

Deadline for Letters of Intent: January 31, 2011.

Parkinson's Disease Foundation : International Research Grants Program (IRGP). The IRGP is designed to promote innovative research that has high potential to significantly advance the knowledge of Parkinson's disease, but that is unlikely to secure funding through more traditional sources. By supporting novel, "high risk/high reward" research, the goal of the IRGP is to enable investigators to demonstrate the feasibility of their ideas while generating preliminary data necessary for the support of future funding

Deadline for Applications: February 1, 2011.



UNIVERSITY OF TORONTO
FACULTY OF MEDICINE
 Neuroscience Program

U T N P



SUBMISSION & CONTACT INFORMATION

Email: p.neuroscience@utoronto.ca | Fax: 416-978-8511 Attn: UT Neuroscience Program Newsletter | 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"