

NEUROSCIENCE NEWSLETTER

PROGRAM NEWS

NEW PIN STUDENTS:

We would like to welcome the following students to the Neuroscience Program:

Student's Name	Degree	Supervisor	Department
Syed Mukhtar Ahmed	PhD	David Hampson	Pharm. Sci.
Allison Bethune	MSc	Brenda Banwell	IMS
Ryan Brydges	PhD	Adam Dubrowski	IMS
Diana Diec	MSc	Linda Mills	Physiology
David Eng	MSc	Beverley Orser	Pharmacology
May Parada	PhD	Ashley Monks	Psychology
Anjali Raja	MA	Brian Levine	Psychology
Joanna Soczynska	MSc	Sidney Kennedy	IMS
Karen Willoughby	PhD	Joanne Rovet	Psychology

GRADUATING STUDENTS:

We would like to congratulate the following PIN graduates:

Student's Name	Degree	Supervisor	Department
Saba Mir	MSc	John Peever	Cell & Sys. Bio.
<u>Thesis title:</u> "Noradrenergic Modulation of Airway-Related Muscle Activity Across the Sleep-Wake Cycle"			
Nam Phan	MSc	Linda Mills	Physiology
<u>Thesis title:</u> "Stress Induced Modulation of Mitochondrial Protein Import in PC12 Cells: The Role of Tom20"			
Zarko Todorovski	MSc	Zhengping Jia	Physiology
<u>Thesis title:</u> "LIMK1 and CREB Regulation of Late-LTP and Long-Term Memory"			

UPCOMING PIN DISTINGUISHED LECTURES

Thursday, December 7, 2006 4pm
JEROME SIEGEL, Department of Psychiatry, University of

Volume 23 Number 4

December 2006

Program Committee Members

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

PIN Office: Room 102, Tanz Neuroscience Building, M5S 3H2.
 Telephone: 416-978-4894 Fax: 416-978-1878
 e-mail: p.neuroscience@utoronto.ca.
<http://www.utoronto.ca/neurosci>
 Office Hours: Wednesdays - 1:15pm-5:00pm;
 Thursdays - 8:45am-5:00pm; Fridays - 8:45am-5:00pm

California at Los Angeles
 "Pathology and physiology of the hypocretin system"
 Medical Sciences Building, Rm 3153

Wednesday, December 13, 2006 3pm
DAVID SWEATT, Department of Neuroscience, Baylor College of Medicine, Houston, Texas
 "Epigenetic Mechanisms in Memory Formation"
 Mount Sinai Hospital, 18th Floor Auditorium

Monday, January 22, 2007 4pm
ANDREA VOLTERRA, Director, Département de Biologie Cellulaire et de Morphologie (DBCM), Faculté de Biologie et de Médecine, Université de Lausanne, Switzerland
 "Glutamate exocytosis from astrocytes: role in synaptic functions and alterations in brain pathologies"
 Pharmacy Building, 144 College St., Rm B250

Friday, March 2, 2007 3pm
GYORGY BUZSAKI, Center for Molecular and Behavioral Neuroscience, Rutgers University
 Title: TBA
 Pharmacy Building, 144 College St., Rm B250

Wednesday, April 4, 2007 4pm

MICHAEL YOUNG, Harvard Medical School, Boston, MA
Title: TBA
Medical Sciences Building, Rm 3154

PIN STUDENT WINS YOUNG SCIENTIST AWARD

PIN student **Anne-Claude Bedard** was awarded a 'Young Scientist Award' in recognition of merit and achievement in original research on Attention-Deficit/Hyperactivity Disorder (ADHD) by CHADD (Children & Adults with Attention-Deficit/Hyperactivity Disorder). Anne-Claude was presented with this honour at the CHADD Annual International Conference in Chicago, Illinois on October 27, 2006.

PIN FACULTY NEWS

Awards and Honours

Professor **Michael Salter** of Physiology (and PIN) is the winner of the 2006 Canadian Pain Society's Distinguished Career Award, designed to honour longstanding service in pain research and/or management. The youngest winner of this award, he is also the only individual to have been awarded both the society's Early Career and Distinguished Career awards. Mike received the award June 16 during the society's annual meeting in Edmonton.

Professor **Stephen Matthews** (Department of Physiology and PIN) is the recipient of the Mortyn Jones Memorial Medal presented at the 6th International Congress of Neuroendocrinology, June 19 to 22 in Pittsburgh. This award is presented annually and recognizes outstanding contributions to the field of Neuroendocrinology.

from Physiolink, November 10, 2006

Dr. Salter named International Research Scholar of the Howard Hughes Medical Institute

Congratulations again go out to Dr. Mike Salter who, along with 19 other outstanding Canadian scientists, was recently named Howard Hughes Medical Institute (HHMI) International Research Scholar. More information on this award can be found by visiting the following link: <http://www.hhmi.org/news/20061101.html>

New Faculty

We are pleased to announce that **Dr. Brenda Banwell** of the Institute of Medical Sciences and **Dr. Rosemary Martino** of the Department of Speech-Language Pathology have joined the PIN faculty.

Dr. Banwell's current clinical and research interests are in pediatric Multiple Sclerosis. Dr. Banwell is the Director of the Pediatric Multiple Sclerosis Clinic, a multidisciplinary clinic dedicated to children with multiple sclerosis and other acquired demyelinating diseases. Several avenues of clinical and basic science research are ongoing. The clinical studies focus on the cognitive and neuroimaging features of pediatric Multiple Sclerosis, while the basic science work focuses on T and B-cell autoimmunity studies, MRI imaging, and

studies of viral triggers. Dr. Banwell is the Principal Investigator of a Canada-wide, 23 site, 5 year study of acute demyelination in Canadian children (funded by the Multiple Sclerosis Research Foundation).

Dr. Banwell can be contacted at: 6th Floor, Roy Hill Wing, The Hospital for Sick Children, Division of Neurology, 555 University Avenue, Toronto, ON M5G 1X8. Tel: 416-813-6660; Fax: 416-813-6334; e-mail address: Brenda.banwell@sickkids.ca.

Dr. Martino's research focuses on understanding swallowing impairment and its impact on the patient. She is interested to assess whether earlier identification of dysphagia will in turn initiate earlier intervention, and thereby reduce the incidence of impairment sequelae such as pneumonia, malnutrition and psychosocial issues.

Her current research focuses on the development of two new tools: The Toronto Bedside Swallowing Screening Tool (TOR-BSST) which screens for dysphagia in stroke patients; and, a second tool that measures impairment secondary to dysphagia in all adult patients. In 2004-2006 she was awarded a New Investigator Award from the Knowledge Translation CIHR team grant. As a member of this research group, she is studying the implementation of the new TOR-BSST screening tool. In addition, she is collaborating with researchers within the Kunin-Lunenfeld Applied Research Unit at Baycrest Centre for Geriatric Care to further the development of the new tool measuring impairment.

Funding for her current research comes from the Ontario Ministry of Health and Long Term Care, Canadian Stroke Network (CSN), University of Toronto Dean's Fund, University of Toronto Connaught Fund, and a New Investigator Award from the CIHR Institute of Aging (2006-2011).

Dr. Martino can be contacted at: 160 - 500 University Avenue, (office #1033), Toronto, Ontario, Canada M5G 1V7. Tel: 416-946-8644; Fax: 416-978-1596; e-mail address: rosemary.martino@utoronto.ca.

HUMAN BIOLOGY STUDENTS' UNION LIFE SCIENCES GRADUATE FAIR

Thanks to the following PIN students who volunteered at the PIN booth at the Human Biology Students' Union Life Sciences Graduate Fair on November 15: Giannina Descalzi, Sarah Johnson, Saba Mir and Kunjumon Vadakkan.

NOTICE TO GRADUATING STUDENTS

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

OTHER U of T NEUROSCIENCE NEWS

UTCSP Annual Meeting – Pain Day 2006



The University of Toronto Centre for the Study of Pain will hold its Annual Meeting/Pain Day on **Tuesday, December 12, 2006** at 89 Chestnut Street Residence, Terrace Room, 3rd Floor from 8:30 a.m. to 2:00 p.m. *If you plan to attend, please RSVP by December 7 to Nancy Mitchell – nancy.mitchell@utoronto.ca or by telephone at 416-979-4762.*

8:15 a.m. to 8:40 a.m. – Coffee/Light Snack

8:40 a.m. to 8:45 a.m. – Welcome

8:45 a.m. to 9:05 a.m. - Jennifer Stinson- “Construct Validity and Responsiveness of the e-Ouch Electronic Pain Diary for Adolescents with Arthritis”

9:05 a.m. to 9:20 a.m. - Javeria Hashmi (Davis Lab) - Topic TBA

9:20 a.m. to 9:35 a.m. – Hance Clarke (Katz Lab) – “The use of Gabapentin in acute pain and rehabilitation

9:35 a.m. to 10:20 a.m. - Dr Hiroshi Ueda. Chairman of Pharmacology at Nagasaki Univ.

10:20 a.m. to 10:50 a.m.– Coffee Break

10:50 a.m. to 11:20 a.m. - Joel Katz – “Postoperative analgesic and opioid sparing effects of low-dose ketamine”

11:20 a.m. to 11:40 a.m. Xuejun Liu (Salter Lab) - "Primary afferents and TRPV1: more than just sensory function"

11:40 a.m. to 11:55 p.m. – Limor Avivi-Arber (Sessle Lab) – “Motor Cortex Neuroplasticity Associated with Extraction of the Rat Mandibular Incisor”

11:55 p.m. to 12:25 p.m. - Karen Davis – "Functional MRI of pain is not the whole story - what can we learn from structural MRI?"

12:25 p.m. to 1:15 p.m. - Lunch

1:15 p.m. to 2:00 p.m. – General Meeting

NEUROSCIENCE RESEARCH DAY 2006 Physiology – B.R.A.I.N. Platform

Wednesday, December 13, 2006

Medical Sciences Stone Lobby

Please contact eva.eng@utoronto.ca for further information.

Baycrest presents The 17th Annual Rotman Research Institute Conference - ADVANCES IN MEMORY RESEARCH

The Four Seasons Hotel, 21 Avenue Road, Toronto Canada

Pre-Conference Workshop - Sunday, March 4, 2007

Conference - Monday, March 5 and Tuesday, March 6, 2007

Educational Sponsor - the Department of Medicine, University of Toronto

The 17th annual Rotman Research Institute conference will assemble international leaders for two days of talks and discussion on memory research. Topics to be covered include the role of the hippocampus and related brain structures in memory, the use of neuroimaging to study emotional memory, and the interplay between biological and non-biological factors in age-related memory loss. This conference will provide a unique forum for both clinicians and researchers interested in memory and neuroscience research.

For additional information, please visit our web-site:

<http://www.rotman-baycrest.on.ca/rotmansite/conference>

Queries can be directed to Tel (416) 785-2500, ext. 2363 or e-mail pferreira@baycrest.org

OTHER NEUROSCIENCE NEWS

2007 Annual Winter Meeting of the Canadian Society of Physiology - January 31st – February 3rd, 2007

1st Announcement - Call for Abstracts

This is the first call for abstracts for the 2007 Annual CPS Winter Meeting. This year's meeting is being organized by the Université de Montréal, and will be held at the Château Mont-Sainte-Anne in Beauport(Québec), <http://www.chateausa.com/>

Featured symposia: The meeting will feature two excellent symposia: <http://cps.cfbs.org/program.html>

"Sensorimotor Interactions of the Parieto-Frontal Cortex"
"Pain: from Fundamental Mechanisms to Clinical Applications"

Sarrazin lecture:

Dr Keir Pearson, a distinguished scientist from the Department of Physiology of the University of Alberta, will give the Sarrazin lecture. This lecture series was established by the Canadian Physiological Society to honour the memory of the first Canadian physiologist, Dr. Michel Sarrazin (1659 – 1734).

JAF Stevenson lecture:

This year's recipient of the J.A.F Stevenson visiting professorship is **Dr. Jaideep S. Bains** from the Department of Physiology and Biophysics at the University of Calgary. This award is given annually to an outstanding young Canadian physiologist.

Please note that nominations for next year's JAF Stevenson and FC MacIntosh awards are now being accepted. Nominations are to be made by the Chair of the host Department of physiology (or equivalent). Please refer to the awards pages for guidelines and further information <http://cps.cfbs.org/awards.html>

General information

Abstract Submission and Registration forms are now available "ON LINE" only on our Web site. Abstract submission deadline is 12th December 2006. Abstracts from the meeting will be posted on the web along with the program. There are also Student Travel Awards available for Student Members of the Society.

For information and links on accommodations and transportation from the Québec airport please consult the CPS meeting information page <http://cps.cfbs.org/meetings.html>

The CPS has contracted with CFBS to host our Web Site accessible at www.cps.cfbs.org

Please add this to your bookmarks!!

Trevor Drew and Elaine Chapman

Organizers of CPS 2007
Département de physiologie
Université de Montréal
Tel: (514) 343 7061
Fax: (514) 343 6113
Email Trevor.Drew@umontreal.ca
Email C.Elaine.Chapman@umontreal.ca

NSERC Fellowships

NSERC cooperates with the Japan Society for the Promotion of Science (JSPS) to provide opportunities in universities or other research institutions in Japan for 1) postdoctoral researchers to conduct, under the guidance of their hosts, cooperative research with leading research groups; and 2) senior scientists/university professors to participate in cooperative activities with researchers. The deadlines for applying for these fellowships are January 25, 2007 (for Postdoctoral Fellowship) and January 15, 2007 (for Invitation Fellowship). Please see:

http://www.nserc.gc.ca/sf_e.asp?nav=sfnav&lbi=3f (for Postdoctoral Fellowship) or

http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=e3 (for Invitation Fellowship).

Canadian Spring Conference on Behaviour and Brain Fernie, BC, 2007

Canadian Spring Conference on Behaviour and Brain

Fernie, British Columbia, Canada

February 22 - 24, 2007

for details: <http://www.psychology.ucalgary.ca/Research/Fernie/>

Annual Meeting of CABBCS 2007

Annual meeting of the Canadian Society for Brain Behaviour and Cognitive Science, June 15-17, 2007, University of Victoria, BC
Local organizer: Michael Masson (mmasson@uvic.ca).

The Canadian Society for Brain, Behaviour and cognitive Science (CSBBCS) is a non-profit organization whose primary function is to advance Canadian research in experimental psychology and behavioral neuroscience.

<http://psych.mcmaster.ca/bbcs/index.html>

IBRO World Congress 2007



Dear

Colleague,

The 7th IBRO World Congress of Neuroscience will be held in Melbourne July 12-17, 2007.

Online abstract submission is now operational (with deadline 31 January 2007). Melbourne has one of the highest concentrations of neuroscience research in the world and the IBRO Congress promises to be an exciting one. I look forward to welcoming you to Australia. Please visit <http://www.ibro2007.org>

There are 21 Satellite Meetings running either side of the Congress and numerous Special Interest Forums running on three evenings of the Congress. Please visit: <http://www.ibro2007.org/satellite.html> and <http://www.ibro2007.org/forums.html> for further information.

Prof George Paxinos

President, 7th IBRO World Congress of Neuroscience

Sally Jay

IBRO 2007 Congress Secretariat
Sally Jay Conferences
PO Box 2331
Kent Town 5071
South Australia
Phone: 61 8 8362 0038 Fax: 61 8 8362 0038
Email: ibro2007@sallyjayconferences.com.au
Website: <http://www.ibro2007.org>

First Annual International Brain Conference

The first annual International Brain Conference is coming to

Orlando January 19 through 21, 2007. The three-day event is being presented by the University of Central Florida at the Rosen College of Hospitality Management, located in the heart of the world's most famous tourist destination.

The IBC at UCF will feature lectures from some of the world's leading researchers on the most up-to-date techniques and findings in neurological related research as well as glorious weather and wonderful food.

Dr. Kiminobu Sugaya, University of Central Florida professor of Biomolecular Sciences, is organizing the event. His research focuses on the development of stem cell therapies for neurodegenerative diseases, including Alzheimer's disease, Parkinson's disease and ALS.

Keynote speaker is Dr. Ezio Giacobini, professor of rehabilitation and geriatrics at the University of Geneva Medical School in Switzerland. Session leaders include:

- Dr. Khalid Iqbal, Research Foundation for Mental Hygiene, New York State Institute for Basic Research
- Dr. Abraham Fisher, Israel Institute for Biological Research, Ness Ziona, Israel
- Dr. Arnold Rolfs, Department of Neurology, University of Rostock, Germany
- Dr. Claudio Cuello, Department of Pharmacology and Therapeutics, McGill University, Montreal, Canada
- Dr. Giancarlo Pepue, Department of Pharmacology, Florence University, Florence, Italy
- And many others!

Participants will have formal and informal opportunities to discuss the latest progress made in research on the "Aging Brain" and related diseases in the topical areas of Pathology I and II, Evaluation, Treatment, Research and Future Direction.

Link to the conference brochure at:
<http://www.research.ucf.edu/pub/IBCatUCF.pdf> or visit the website at www.brainconference.org to register or for more information. Conference fees include all meals from Friday night through Sunday noon, prepared at UCF's Rosen College of Hospitality Management.

Sponsors include The University of Central Florida, The Cameron Group, Alzheimer's Association, Florida Hospital, Orlando Regional Healthcare and the Alzheimer Resource Center.

See you in Orlando!

National Neuroscience Graduate Studies Competition – University of Calgary

The Department of Neuroscience and the Hotchkiss Brain Institute at the University of Calgary are hosting their annual National Neuroscience Graduate Studies competition. Top applicants will earn an all-expenses-paid trip to Calgary to visit the Department of Neuroscience and meet potential graduate supervisors. Competition closes January 31, 2007. For more details, see: <http://www.ucalgary.ca/~neuro/recruit.html>.

POSITIONS AVAILABLE

CANADA RESEARCH CHAIR

Canada Research Chair – Tier I NSERC Behavioural Neuroscience, Wilfred Laurier University

The Department of Psychology, Wilfred Laurier University invites applications for a potential nominee for a Tier I Canada Research Chair (NSERC) in behavioural neuroscience. Tier I CRCs are awarded to outstanding researchers acknowledged by their peers to be world leaders in their fields (see www.chairs.gc.ca). Tier I CRCs have a teaching load of two courses per academic year, are tenable for seven years and are renewable. Laurier offers MSc and PhD programs in the areas of cognitive and behavioural neuroscience (see www.wlu.ca/science/psychology), and candidates should have research interests compatible with those of Laurier's faculty in behavioural neuroscience. The nominee will be an outstanding, innovative researcher, have a superior record of attracting and supervising graduate students and postdoctoral fellows, and will be expected to propose an original research program of the highest quality. The nominee's research program will be expected to integrate as well with one or more of the core areas identified in Laurier's strategic research plan: culture and human experience, society and public policy, environment and health, and science and technology (see www.wlu.ca/research/strategicplan).

Deadline for applications is February 1, 2007. Please submit a CV along with a statement of research interests, a research proposal, and a statement of how your research fits the Laurier strategic research plan (maximum of five pages), along with the names and contact information of four referees to: Geoffrey Nelson, Chair Department of Psychology, Wilfrid Laurier University, Waterloo, Ontario N2L 3C5. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. Wilfrid Laurier University is committed to equity and values diversity. We welcome applications from qualified individuals of all genders and sexual orientations, persons with disabilities, Aboriginal persons, and persons of a visible minority. Members of the designated groups wishing to be considered for employment equity must self-identify, in confidence, to Dr. Arthur Szabo, the Dean of the Faculty of Science, e-mail: aszabo@wlu.ca fax: 519-884-0464.

FULL-TIME ACADEMIC POSITIONS

University of Calgary The Novartis Chair in Schizophrenia Research

The Faculty of Medicine of the University of Calgary invites applications for a full-time academic position as The Novartis Chair in Schizophrenia Research. The successful candidate will be a clinical or basic scientist with a distinguished reputation and proven leadership in research, education and knowledge translation in the field of schizophrenia. The incumbent will provide leadership in the development and maintenance of a world-class schizophrenia research program, will demonstrate a commitment to excellence in

teaching and patient care, if applicable, as well as attract outstanding students, trainees and scholars in this field. If the research is patient-based and involves the provision of patient care, the selected individual must be eligible for licensure in the Province of Alberta. The Chair holder may be appointed in the Department of Psychiatry and other departments, as appropriate, and may become a full member of the Hotchkiss Brain Institute.

The successful candidate's research interests may fall within any of the four CIHR pillars; basic biomedical, clinical, health services, and/or population health research. The selected candidate may compete for salary support and establishment funding from the Alberta Heritage Foundation for Medical Research. We anticipate generous start-up funds will be available to a qualified candidate.

With over 400 full-time members, the Faculty of Medicine is a leader in health research with an international reputation for excellence and innovation. A new research facility slated to open in 2007 will allow researchers to investigate scientific questions collaboratively in a unique setting that facilitates multidisciplinary studies with state-of-the-art investigative tools. Calgary is a vibrant, multicultural city of 1,000,000 near the Rocky Mountains, Banff National Park and Lake Louise.

The Department of Psychiatry and the Hotchkiss Brain Institute are working together to enable integrated, outcome-focused research and education activities. One of the eight Hotchkiss Brain Institute research programs is focused on population mental health research and education activities. See the website www.hbi.ucalgary.ca for more information on the institute.

Please submit curriculum vitae, a statement of research interests and goals, and the names of three referees by December 31, 2006, to: Dr. P.A. Sokol, Vice-Dean, Faculty of Medicine, 3330 Hospital Drive N.W., Calgary, Alberta, Canada T2N 4N1 www.ucalgary.ca. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University of Calgary respects, appreciates and encourages diversity.

University of Calgary
The Heart and Stroke Foundation of Alberta, NWT & Nunavut
Chair in Stroke Research

The Faculty of Medicine invites applications for a full-time academic position at The Heart and Stroke Foundation of Alberta, NWT & Nunavut Chair in Stroke Research. The Chair holder will be appointed in the Department of Clinical Neurosciences and will become a full member of the Hotchkiss Brain Institute. The successful candidate will be a clinical or basic scientist with a distinguished reputation and proven leadership in research and education in the field. Eligibility for licensure in the Province of Alberta and privileges within the Calgary Health Region are required if the selected individual will provide patient care.

The University of Calgary and Calgary Health Region have developed a reputation for excellence in stroke research and its translation into superior patient care, supported, in part, by outstanding human and animal imaging facilities and expertise in neuroscience and vascular biology. The Chair holder will provide leadership in the development of translational stroke research in Southern Alberta, and will support

the establishment of research and education collaborations and linkages provincially, nationally and internationally.

The successful candidate's research interests may fall within any of the four CIHR pillars; basic biomedical, clinical, health services, and/or population health research. As a research and education leader, the Chair holder will help attract and support outstanding trainees and scholars in the field of stroke research. The successful candidate will also establish links with key community-based groups, such as the Heart and Stroke Foundation of Alberta, NWT & Nunavut.

The selected candidate will be expected to compete for salary support and establishment funding from the Alberta Heritage Foundation for Medical Research. Start-up funds will also be available through the Chair.

The Faculty of Medicine is a leader in health research with an international reputation for excellence and innovation. The Faculty of Medicine's research culture and infrastructure facilitate multidisciplinary studies using state-of-the-art investigative tools. Calgary is a vibrant, multicultural city of a million people. There are extensive cultural and recreational opportunities within the city and the nearby Rocky Mountains.

The Department of Clinical Neurosciences and the Hotchkiss Brain Institute are working together to enable integrated, outcome-focused research and education activities. One of the eight Hotchkiss Brain Institute research programs is focused on translational stroke research and education activities. See the website <http://www.hbi.ucalgary.ca> for more information on the institute.

Please submit Curriculum Vitae, a statement of research interests and goals, and the names of three referees by December 31, 2006, to: Dr. P.A. Sokol, Vice-Dean, Faculty of Medicine, 3330 Hospital Dr. N.W., Calgary, Alberta, Canada T2N 4N1. www.ucalgary.ca.

POSTDOCTORAL POSITION

University of Toronto
Faculty of Dentistry

Postdoctoral Position available for NIH-supported neurophysiological studies of neural mechanisms related to craniofacial pain and neuroplasticity. Preference will be given to candidates with experience in single-unit recording, especially in vivo preparation. Salary commensurate with experience. Candidates should send via e-mail a brief statement of research interests, vita, and names and addresses of three references, to B.J. Sessle/J.W. Hu, Dept. of Oral Physiology, Faculty of Dentistry, Univ. of Toronto, 124 Edward St., Toronto, Ontario, M5G 1G6, Canada; Tel. 417-979-4921, ext. 4544; Fax: 416-979-4936; E-mail: james.hu@utoronto.ca