



**Winnipeg Chapter Society for Neuroscience**

Activity Report: 2000 – 2002

Submitted by: Dr. Jonathan Geiger



# St. Boniface Hospital Research Centre

## Division of Neurovirology & Neurodegenerative Disorders

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10 September 2002

We are pleased to present to you a report on the activities of the Winnipeg Chapter of the Society for Neuroscience. This report was intended to be comprehensive for the past three years (2000 – 2002). It is, I think, obvious from this report that great efforts have been made to support and encourage the development of neuroscience research programs and educational initiatives in Manitoba.

In this report, we detailed the two main events hosted by the WCSN each year; Brain Awareness Week and Grass Foundation Visiting Scientist Lectureships. In addition, we have described the 'Grand Opening' for the Division of Neurovirology and Neurodegenerative Disorders at the St. Boniface Hospital Research Centre.

From this report, that was intended to be informative, comprehensive, and easily updated we hope others and we will be better informed about activities sponsored by the WCSN over the past three years. The neuroscience community in Manitoba is a vibrant one and it is our hope that this spirit is captured at least in part in this report.

Respectfully submitted by,



Jonathan D. Geiger, Ph.D.  
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Director, Division of Neurovirology and Neurodegenerative Disorders, SBRC  
Professor, Department of Pharmacology, University of Manitoba  
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## 1. WCSN MEETINGS:

### 1.1 WCSN Meetings - 2000

The Annual General Meeting was held on December 10<sup>th</sup>, 1999.

Several meetings were held during January, February and March, to plan for the '2000 Brain Awareness Week' held in March. No further meetings were held later in the year.

### 1.2 WCSN Meetings - 2001

Several meetings were held in spring of 2001 relating to the 'Brain Awareness Week' event.

The Annual General Meeting was held on April 25<sup>th</sup>, 2001.

### 1.3 WCSN Meetings - 2002

No meetings were held. Communications relating to the 'Brain Awareness Week' event held in March 2002 were done via email.

## 2. BRAIN AWARENESS WEEK

### 2.1 BAW 2000 Information Report

#### 2.1.1 Brain Awareness Committee

Dr. Jonathan Geiger, Chair  
Kelly Jorundson, co-Coordinator, Brain Awareness Month  
Nancy Eidsvig, co-Coordinator, Brain Awareness Month  
Dr. Fiona Parkinson  
Dr. Jean Paterson  
Ms. Katinka Stecina  
Mr. Gilles Detillieux

#### 2.1.2 Sponsors

*University Departments:*

- Department of Pharmacology & Therapeutics, University of Manitoba;
- Department of Physiology, University of Manitoba

*Not-for-profit Organization:*

- Manitoba Epilepsy Association

*Local Hospital:*

- St. Boniface General Hospital Research Centre  
(Division of Neurovirology & Neurodegenerative Disorders)

*Foundations & Other Organizations:*

- Manitoba Heart & Stroke Foundation
- National Research Council, Institute for Biodiagnostics
- Sport Medicine Council of Manitoba

*Pharmaceutical companies:*

- AstraZeneca
- SmithKline Beecham
- Pfizer Canada

## 2.1 BAW 2000 Information Report (cont'd.)

### 2.1.3 Scientific Lectures:

*(Our Chapter designated March as “Brain Awareness Month”.)*

Throughout the month of March, a series of scientific lectures were held and widely attended by the local neuroscience community. Provided below is a listing of those lectures. For detailed information regarding the lectures, please visit the WCSN’s BAW website at <http://www.scrs.umanitoba.ca/wcsn/baw2000>. (Hyperlinks are included below for easy access to website reference that contains additional information on the lectures.)

- March 2**    [Dr. Jonathan GEIGER](#)  
Director, Division of Neurovirology and Neurodegenerative Disorders; Professor, Department of Pharmacology and Therapeutics University of Manitoba Faculty of Medicine
  
- March 3**    [Dr. Karen JOHNSTON](#)  
Director of Neurotrauma, McGill University, Montreal.
  
- March 7**    [Dr. Steven JACOBSON](#)  
Chief, Viral Immunology Section, National Institute of Neurological Disorders and Stroke.
  
- March 9**    [Dr. David EISENSTAT](#)  
Manitoba Institute of Cell Biology, Winnipeg, Manitoba.
  
- March 10**    [Dr. Tom FEASBY](#)  
Head of Clinical Neurosciences, University of Calgary, Calgary, Alberta.
  
- March 13**    [Dr. John LATTER](#)  
Head, Section of Physical Medicine and Rehabilitation, University of Manitoba, Winnipeg, Manitoba.
  
- March 15**    [Dr. John JANE](#)  
Professor of Neurosurgery, University of Virginia, Charlottesville, Virginia.
  
- March 16**    [Dr. Dale CORBETT](#)  
Memorial University of Newfoundland, Department of Health Sciences, St. John’s, Newfoundland, Canada.

## 2.1 BAW 2000 Information Report (cont'd.)

### 2.1.4 Neuroscience & Mental Health Research Awareness Day:

Our Chapter hosted a “Neuroscience & Mental Health Research Awareness Day” on March 23<sup>rd</sup>, at the Brodie Centre located at the University of Manitoba’s Bannatyne Campus in Winnipeg, Manitoba. An estimated 200-250 people toured local neuroscience laboratories and visited the scientific posters and display booths exhibited. The event featured over 25 scientific posters presented by the neuroscience and mental health community, as well as booths and displays by pharmaceutical companies and local not-for-profit organizations. The event was a great success and was considered to be informative, enjoyable, and educational to those who attended including family members of individuals living with neurological disorders.

Please visit our website that highlights the event in detail at <http://www.scrs.umanitoba.ca/wcsn/baw2000/#mar23>

### 2.1.5 Logos:

Following are the logos that were received from some of our sponsors. Note: Not all sponsors provided electronic files of their logo. (Hyperlinks are used for each image that direct you to each sponsor’s website.)



Institute for Bidiagnostics,  
National Research Council of  
Canada



St. Boniface Hospital Research  
Centre



AstraZeneca  
Pharmaceutical Inc.



UNIVERSITY  
OF MANITOBA

Department of Pharmacology &  
Therapeutics, Faculty of Medicine,  
University of Manitoba

## 2.1 BAW 2000 Information Report (cont'd.)

### 2.1.6 Event Promotions:

A number of mailings were done relating to our events. Posters were circulated on our “Neuroscience & Mental Health Research Awareness Day” poster, a student recruitment poster was prepared, and advertisements were placed in local newspapers. The event was also heavily promoted on our website and our website administrator Mr. Gilles Detillieux designed a separate website specifically to promote BAW activities. Please visit the website at <http://www.scrn.umanitoba.ca/wscn/baw>

### 2.1.7 Correspondence

As mentioned previously, we approached local not-for-profit organizations, pharmaceutical companies, and other related organizations for their participation in our events. Following is a listing of mail-outs that were done: Invitations were mailed out to not-for-profit organizations, foundations, and pharmaceutical companies to participate; letters were sent thanking all of our participants and sponsors; and letters were sent to invitees who chose not to attend, informing them about the various successful events that were held and inviting them to participate next year.

### 2.1.7 Digital Photos

Many pictures were taken at our “Neuroscience & Mental Health Research Awareness Day”. Here is the hyperlink to a page that contains all of the images. Feel free to link this page to your website reporting on BAW activities. <http://www.scrn.umanitoba.ca/wscn/baw2000/photos.html> We have grouped the photos into the following categories; 1) sponsors, 2) participants, and 3) other. Where known, we have identified the individuals (and affiliated organization). The students shown in the picture labeled “high school tour group” are from George Waters Middle School, Winnipeg, Manitoba. Please feel free to use any of the photos for your own purposes.

## 2.1 BAW 2000 Information Report (cont'd.)

High School Tour (George Waters Middle School)



Manitoba Epilepsy Association Inc.



(Aerial view of Brodie Centre)



(Institute of Biodegnostics, IBD)



## 2.2 BAW 2001 Information Report

### 2.2.1 Brain Awareness Committee

Dr. Jonathan Geiger, Chair  
Kelly Jorundson, co-Coordinator, Brain Awareness Month  
Nancy Eidsvig, co-Coordinator, Brain Awareness Month

### 2.2.2 Sponsors

#### *University Departments:*

- Department of Pharmacology & Therapeutics, University of Manitoba;
- Department of Physiology, University of Manitoba

#### *Not-for-profit Organizations:*

- Manitoba Epilepsy Association
- Manitoba Head Injury

#### *Local Hospital:*

- St. Boniface General Hospital Research Centre (Division of Neurovirology & Neurodegenerative Disorders)

#### *Foundations & Other Organizations:*

- Manitoba Heart & Stroke Foundation
- National Research Council, Institute for Biodiagnostics

#### *Pharmaceutical company:*

- AstraZeneca

### 2.2.3 Brief Description of Events

#### *Scientific Lectures:*

Our Chapter held its BAW events on March 15 and 16<sup>th</sup>, 2001. Four scientific lectures were held over the two-day period that was widely attended by the local neuroscience community (Speakers listed below). The lectures were held at the University of Manitoba Bannatyne Campus and the St. Boniface General Hospital Research Centre. Please visit our website <http://www.scrs.umanitoba.ca/wcsn/baw2001>. In addition to the scientific lectures held at the St. Boniface Hospital Research Centre on March 16<sup>th</sup>, we had exhibits by our local not-for-profit organizations. An estimated 100-150 people were in attendance each day.

## 2.2 BAW 2001 Information Report (cont'd.)

### PROGRAM:

*Day 1: March 15, Bannatyne Campus*

#### **Presentation #1: March 15, 1-2 pm.**

**Dr. Rémi Quirion,**

CIHR Scientific Director,

Institutes of Neuroscience & Mental Health & Addictions

*Thursday, March 15/01, 1:00 - 2:00 p.m.*

Theatre "A", Basic Med. Sciences Bldg.

730 William Ave.

***"The Canadian Institute for Neurosciences, Mental Health and Addictions: Challenges and Opportunities"***

See the [Poster](#) (43k PDF) for this talk.

*Day 2: March 16, St. Boniface Research Centre*

#### **Brain Awareness Day - Opening remarks and introductions**

*Friday, March 16/01, 9:30 a.m.*

Atrium, St. Boniface Research Centre

Dr. Jonathan Geiger, Director, [DNND](#)

Dr. John Foerster, Director (Research), SBRC

Dr. Joanne Keselman, VP (Research), UM

Dr. Larry Jordan, Director, [Spinal Cord Research Centre](#), UM

#### **Overview of Neuroscience Research in Manitoba**

*Friday, March 16/01, 9:50 a.m.*

Atrium, St. Boniface Research Centre

Presentation by Dr. Larry Jordan

#### **Presentation #2: March 16, 10:00-10:45 am.**

**Dr. David Westaway,**

Associate Professor, University of Toronto, Centre for Research in Neurodegenerative Diseases

***"PrP and Doppel: Double prion trouble"***

See the [Poster](#) (66k PDF) for this talk.

#### **Presentation #3: March 16, 11:00 am-12:15 pm.**

**Dr. Rémi Quirion,**

CIHR Scientific Director,

Institutes of Neuroscience & Mental Health & Addictions

## 2.2 BAW 2001 Information Report (cont'd.)

### ***"Interactions between key phenotypes of the Alzheimer's brain: possible significance for treatment"***

See the [Poster](#) (43k PDF) for this talk.

### **Neuroscience & Mental Health Displays**

Friday, March 16/01, 11:30 a.m. - 4:00 p.m.

Atrium, St. Boniface Research Centre

### **Break & Refreshments**

Friday, March 16/01, 12:15 p.m. - 1:00 p.m.

Atrium, St. Boniface Research Centre

### **Presentation #4: March 16, 1:00 - 2:15 pm.**

#### **Dr. David Westaway,**

Associate Professor, University of Toronto, Centre for Research in Neurodegenerative Diseases

#### ***"Alzheimer's disease: Models and mechanisms"***

### 2.2.4 Logos

Following are the logos that were received from some of our sponsors.  
Note: not all sponsors provided electronic files of their logo. (Hyperlinks are used for each image that direct you to each sponsors website.)



Institute for Biodiagnostics,  
National Research Council of  
Canada



St. Boniface Hospital Research  
Centre



AstraZeneca  
Pharmaceutical Inc.



UNIVERSITY  
OF MANITOBA

Department of Pharmacology &  
Therapeutics, Faculty of Medicine,  
University of Manitoba



Helping you  
live well.

## 2.2 BAW 2001 Information Report (cont'd.)

### 2.2.5 Event Promotion

A number of mailings were done related to our events. Mr. Gilles Detillieux designed a separate website specifically to promote BAW activities. Please visit the website at <http://www.scrs.umanitoba.ca/wscn/baw>.

### 2.2.6 Correspondence

We approached local not-for-profit organizations, pharmaceutical companies, and other related organizations for their participation in our events. A number of mail-outs were done: Correspondence inviting participation from not-for-profit organizations, foundations, and pharmaceutical companies; correspondence thanking all of our participants and sponsors; and copies of promotional slide advertising our sponsors.

### 2.2.7 Digital Photos

Many pictures were taken at our “Brain Awareness Day”. Here is the hyperlink to a page that contains all of the images. Feel free to link this page to your website reporting on BAW activities. (see page 14a)

## 2.3 BAW 2002 Information Report

### 2.3.1 Brain Awareness Committee

Dr. Jonathan Geiger, Chair  
Kelly Jorundson, co-Coordinator, Brain Awareness Month  
Nancy Eidsvig, co-Coordinator, Brain Awareness Month

### 2.3.2 Sponsors

*University Departments:*

Department of Pharmacology & Therapeutics, University of Manitoba; Department of Physiology, University of Manitoba

*Local Hospital:*

St. Boniface General Hospital Research Centre  
(Division of Neurovirology & Neurodegenerative Disorders)

*Pharmaceutical Company:*

AstraZeneca

### 2.3.3 Brief Description of Events

*Scientific Lecture – Dr. Michel Chretien*

Dr. Michel Chretien was invited to come to Winnipeg on March 15<sup>th</sup>, 2002 to give a scientific lecture to our local neuroscience community. In addition to participating in our Brain Awareness activities, Dr. Chretien was also awarded the '2002 Society for Neuroscience Grass Traveling Scientist' award.

Approximately 150 people attended Dr. Chretien's scientific lecture (notice attached). Members of the audience included academics, research trainees and students from many departments including Pharmacology and Therapeutics, Physiology, and Anatomy.

An informal coffee reception attended by approximately 50 people was held immediately following the lecture. This gave our members an excellent opportunity to interact with Dr. Chretien on a more personal basis.

In addition to advertising the lecture by circulating a poster (attached), we also posted the lecture on our website at [www.sbrc.ca/dnnd](http://www.sbrc.ca/dnnd). In addition to the above, Dr. Chretien also met on a one-to-one basis with members of the Division of Neurovirology and Neurodegenerative Disorders at the St. Boniface Hospital Research Centre and enjoyed a dinner meeting with various faculty from the University of Manitoba.

### 2.3 BAW 2002 Information Report (cont'd.)

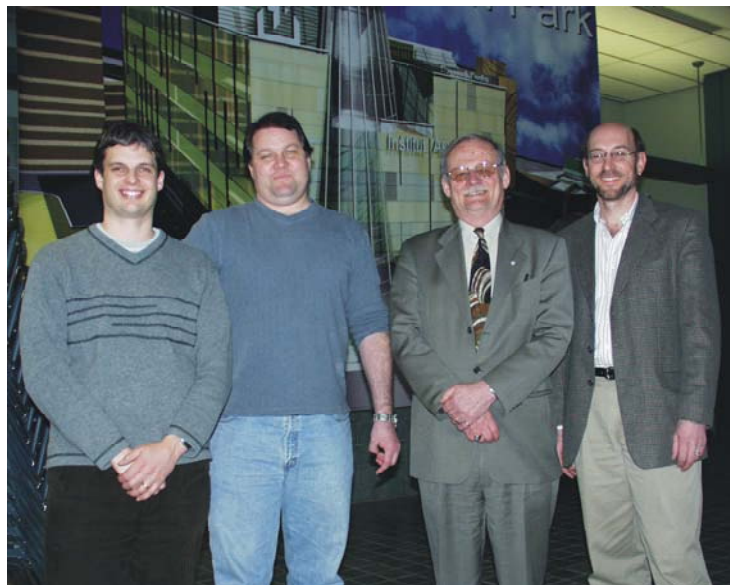
Dr. Chretien's visit provided the Neuroscience community with an opportunity to meet with and hear from a true leader in the field of neuropeptides and enzymes linked to various disease processes. The excellent attendance at his seminar is a testament to his excellence as well as the recognition among our diverse neuroscience community that everyone learns from listening to excellent neuroscientists even though their fields of research are quite distinct.

#### 2.3.4 Event Promotion

A number of mailings were done related to our event. Enclosed are copies of advertisements circulated for the event. Each year, our event is heavily promoted on our website and our website administrator Mr. Gilles Detillieux designed a separate website specifically to promote BAW activities and advertise the Grass Traveling Scientist lecture at <http://www.scrs.umanitoba.ca/wcsn/grass/Grass2002.html>

#### 2.3.5 Digital Picture:

Winnipeg Chapter of the Society for Neuroscience  
2002 Grass Traveling Scientist - Dr. Michel Chretien  
March 15th, 2002



From Left - Right: Drs. Michael Mayne, Gordon Glazner, Michel Chretien and Jonathan Geiger

### 3.0 GRASS TRAVELING SCIENTIST AWARD

#### 3.1 Grass Traveling Scientist - 2000

Dr. Stephan Redman – July 21<sup>st</sup>, 2000: At a Council meeting in December 1999, it was recommended that Drs. Beel and Jessel be invited as Grass Traveling Scientists. However, because both had declined, the third recommendation (Dr. Stephan Redman) was invited and he accepted. He presented a scientific lecture in Winnipeg on July 21<sup>st</sup>, 2000 coordinated by Dr. Robert Brownstone.

#### 3.2 Grass Travelling Scientist – 2001

Dr. Pierre Magistretti - November 7<sup>th</sup>, 2001: Drs. Allan Basbaum, John Trojanowski, Craig Heller, Masashi Yanagisawa and Bertil Hille were each approached re the GTS award, however all had declined for a variety of reasons.

Dr. Pierre Magistretti was then asked and accepted the invitation and visited Winnipeg November 7<sup>th</sup>, 2001 to give a scientific lecture. Below is a brief summary of events held while he was here.

- 1) Approximately 75 people attended a scientific lecture that was given by Dr. Magistretti on November 7<sup>th</sup>, 2001
- 2) An informal reception attended by approximately 50 people was held immediately following the lecture. This gave our members an excellent opportunity to interact with Dr. Magistretti on a more personal basis.
- 3) In addition to advertising the lecture by circulating a poster, we also posted the lecture on our website at [www.sbrc.ca/dnnd](http://www.sbrc.ca/dnnd).
- 4) In addition to the above, Dr. Magistretti also met on a one-to-one basis with;
  - a. members of the Division of Neurovirology and Neurodegenerative Disorders at the St. Boniface Hospital Research Centre (Drs. Jonathan Geiger, Michael Mayne and Gordon Glazner);
  - b. the Director of Research at the Institute of Biodiagnostics facility at the National Research Council;
  - c. Dr. Jim Peeling, Pharmacology and Therapeutics – University of Manitoba;

### 3.2 Grass Travelling Scientist – 2001 (cont'd.)

Later he enjoyed a dinner meeting with members of the University of Manitoba Neurodegenerative Disorders Research Group.

Left – right: Dr. Pierre Magistretti and Dr. Jonathan Geiger



### 3.3 Grass Traveling Scientist - 2002

Dr. Michel Chretien, March 15, 2002

Approximately 100 people attended a scientific lecture that was given by Dr. Chretien on March 15<sup>th</sup>, 2002 at 10:30 am and held in a theatre at the University of Manitoba. Members of the audience included academics, research trainees and students from many departments including; Pharmacology and Therapeutics, Physiology, and Anatomy. An informal coffee reception attended by approximately 50 people was held immediately following the lecture. This gave our members an excellent opportunity to interact with Dr. Chretien on a more personal basis. In addition to the above, Dr. Chretien also met on a one-to-one basis with members of the Division of Neurovirology and Neurodegenerative Disorders at the St. Boniface Hospital Research Centre (Drs. Jonathan Geiger, Michael Mayne and Gordon Glazner)

#### 4. SFN GRADUATE STUDENT TRAVELING AWARD (\$500 USD)

##### **4.1 Graduate Student Traveling Award – 2000**

On the recommendation of the WCSN committee, Mr. Nicholas Shepel was nominated for this award.

##### **4.2 Graduate Student Traveling Award – 2001**

On the recommendation of the committee (Drs. E. Eisenstat, M. DeIBigio, L. Jordan and J. Geiger) the SFN Graduate Student Traveling Award was awarded to Mr. Yue Dai.

##### **4.3 Graduate Student Traveling Award – 2002**

Although requests were sent out, no recommendations were received, and therefore the award was not presented to anyone.

#### 5. SFN PDF AWARD (\$1,250 USD)

This was the first year for this award. No recommendations were received and therefore the award was not presented to anyone.

6. Financial Report (Annual Income & Expense for 2000/2001/2002):

Annual Income and Expense Report  
For the period covering 2000, 2001 and 2002

	<u>Jan-Dec</u> <u>2000</u>	<u>Jan-Dec</u> <u>2001</u>	<u>Jan-Jun</u> <u>2002</u>
<b>Opening balance</b>	\$ 391.93	\$ 2,376.96	\$ 2,985.00
<b>REVENUE</b>			
<u>Brain Awareness Event</u>			
AstraZeneca	\$ 300.00	\$ -	\$ -
Epilepsy Manitoba	\$ 300.00	\$ 100.00	\$ -
Huntington's Society	\$ 100.00	\$ -	\$ -
Institute for Biodiagnostics (NRC)	\$ 300.00	\$ 300.00	\$ -
Manitoba Head Injury	\$ 100.00	\$ 100.00	\$ -
Manitoba Heart & Stroke Foundation	\$ 200.00	\$ 250.00	\$ -
Pfizer	\$ 300.00	\$ -	\$ -
Smith Kline Beecham	\$ 300.00	\$ -	\$ -
Sport Manitoba	\$ 300.00	\$ -	\$ -
St. Boniface Hospital Research Centre and Research Foundation	\$ 300.00	\$ -	\$ -
University of MB. Pharm & Therap.	\$ 300.00	\$ 300.00	\$ -
<u>Membership Dues</u>	\$ 105.00	\$ 5.00	\$ -
<u>Bank Interest</u>	\$ 11.46	\$ 3.04	\$ 0.60
<b>TOTAL REVENUE</b>	<b>\$ 2,916.46</b>	<b>\$ 1,058.04</b>	<b>\$ 0.60</b>
<b>EXPENSES</b>			
<u>Brain Awareness Event</u>			
Awards/Prizes	\$ 100.00	\$ -	\$ -
Bank fees	\$ -	\$ -	\$ 5.00
Equipment Rental	\$ 73.90	\$ 129.42	\$ -
Honorariums	\$ 200.00	\$ -	\$ -
Meeting Expenses	\$ 519.55	\$ 320.58	\$ -
Office Expenses	\$ 37.98	\$ -	\$ -
SFN		\$ -	\$ 203.62
<b>TOTAL EXPENSES</b>	<b>\$ 931.43</b>	<b>\$ 450.00</b>	<b>\$ 208.62</b>
<b>CLOSING BALANCE</b>	<b>\$ 2,376.96</b>	<b>\$ 2,985.00</b>	<b>\$ 2,776.98</b>

(Closing Balance 2002 balanced to June 30, 2002 bank statement)

Comments to above financial reports:

**BAW 2001**

1. BAW 2001: IBD contributed **\$300** towards a dinner expense not reported above.
2. Also during BAW 2001: SBRC DNND paid remaining balance of a dinner on Mar 15/01 of \$881.71 as well as all catering fees on Mar 16/01 of \$1,104.10 and 1/2 day rental of facilities/tech. \$250.00 Total paid **\$2235.81**
3. Hotel fees for BAW 2001 were covered by Dr. J.D. Geiger external funds **\$235.00**

**GTS Fall 2001 – P. Magistretti**

Hotel expenses of \$285.24 were paid by Dr. Geiger.

**GTS Spring 2002 – M. Chretien & BAW 2002**

Travel expenses of \$901.15 were paid by Dr. Geiger for Dr. Chretien

## 7. WCSN COUNCIL AND MEMBERS

### 7.1 Elected (2000/2001)

#### **President**

Jonathan GIEGER, PhD  
Department of Pharmacology,  
Div. of Neurovirology &  
Neurodegenerative Disorders,  
R4046 SBRC  
T 235-3938 F 237-4092  
geiger@cc.umanitoba.ca

#### **Treasurer**

Fiona PARKINSON, PhD  
Dept of Pharmacol & Therapeutics  
A402 Chown Bldg  
T 789-3589 F 789-3932  
parkins@cc.umanitoba.ca

#### **Co-Secretary**

Judy ANDERSON, PhD  
Dept Human Anatomy  
& Cell Science, 101 BMSB  
T 789-3716 F 789-3920  
janders@ms.umanitoba.ca

#### **Co-Secretary**

Susan SHEFCHYK, PhD  
Dept of Physiology  
405 BSMB  
T 789-3232 F 789-3930  
susan@scrc.umanitoba.ca

### 7.2 Councillors

#### **BASIC SCIENCE**

Brent FEDIRCHUK, PhD  
Dept of Physiology  
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T 789-3762 F 789-3930  
brent@scrc.umanitoba.ca

#### **CLINICAL**

David EISENSTAT, MD  
Cell Biology  
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## 9. NEUROSCIENCE RESEARCH GROUPS AT THE UNIVERSITY OF MANITOBA

### 9.1 Neurodegenerative Disorders Research Group

#### *Full Members*

- Dr. Jonathan Geiger, Director
- Dr. Francis Amara
- Dr. Marc Del Bigio
- Dr. Gordon Glazner
- Dr. Brian Hasinoff
- Dr. Michael Mayne
- Dr. James Nagy
- Dr. Fiona Parkinson
- Dr. Jim Peeling

#### *Associate Members*

- Dr. Karen Ethans
- Dr. John Latter
- Dr. Dwight Nance

### 9.2 Spinal Cord Research Centre

#### Full Members

- Dr. Brent Fedirchuk
- Dr. Phillip F. Gardiner
- Dr. Larry M. Jordan
- Dr. David A. McCrea
- Dr. Brian J. Schmidt
- Dr. Susan J. Shefchyk
- Dr. Dwight M. Nance
- Dr. Michelle M. Porter
- Dr. Patrick Stroman

#### Associate Members - External Adjuncts (formerly Full Members of SCRC)

- Dr. Robert M. Brownstone
- Dr. Patricia W. Nance

## Associate Members - Neurodegenerative Disease Research Group Members

- Dr. Marc Del Bigio
- Dr. Jonathan D. Geiger
- Dr. Gordon Glazner
- Dr. James I. Nagy

### 9.3 Behavioral Neuroscience

- Dr. Warren Eaton
- Dr. Tammy Ivanco
- Dr. Lorna Jakobson
- Dr. Robert Tait
- Dr. Linda Wilson
- Dr. Roger Wilson

### 9.4 Mood & Anxiety Disorders

- Dr. Murray Enns
- Dr. Patricia Furer
- Dr. Kevin Kjernisted
- Dr. Mark Lander
- Dr. Ron Norton,
- Dr. Norah Vincent
- Dr. John Walker
- Dr. Laurence Katz
- Dr. Jeff Reiss
- Dr. Jitender Sareen

## 10. DIVISION OF NEUROVIROLOGY AND NEURODEGENERATIVE DISORDERS – OFFICIAL OPENING JUNE 21<sup>st</sup>, 2001

The Division of Neurovirology and Neurodegenerative Disorders at the St. Boniface Research Centre officially opened on June 21<sup>st</sup>, 2002. Following is the program of events for that day that included scientific presentations by four neuroscientists

### 10.1 Official Opening Program

- 10:00 am-11:15 am “Adenosine and the regulation of sleep and wakefulness”  
Speaker: **Robert W. McCarley**, M.D., Professor and Chair, Harvard Department of Psychiatry, VA Medical Centre, Brockton, MA
- 11:15 am-12:30 pm “Immune response within the central nervous system: Friend or foe”  
Speaker: **Dr. Jack Antel**, M.D., Clinical Neurologist, Montreal Neurological Institute & Professor, Department of Neurology and Neurosurgery, McGill University
- 12:30 pm-1:00 pm *Lunch in Research Centre Atrium*
- 1:00 pm-2:15 pm “Therapeutic approaches to HIV dementia: Lessons from pathogenesis”  
Speaker: **Dr. Avindra Nath**, Ph.D., Professor, Departments of Neurology, Microbiology & Immunology, University of Kentucky Medical Center
- 2:15 pm-3:30 pm “Molecular signaling pathways for synaptic plasticity”  
Speaker: **Dr. Michael Salter**, M.D., Ph.D., CIHR Investigator, Professor of Physiology, University of Toronto & Director, University of Toronto Centre for the Study of Pain
- 4:00 pm-6:00 pm *Tours of 4<sup>th</sup> floor & Reception*

## 10. DIVISION OF NEUROVIROLOGY AND NEURODEGENERATIVE DISORDERS – OFFICIAL OPENING JUNE 21<sup>st</sup>, 2001 (CONT'D)

### 10.2. Visiting Speakers – Bio's

**a) Dr. Robert McCarley** is a graduate of Harvard College (summa cum laude) and Harvard Medical School, trained at the Brigham and Women's Hospital and Mass. Mental Health Center. He is Professor and Chair of the Harvard Department of Psychiatry at the Brock-ton/West Roxbury VAMC, where he is the Director of the Neuroscience Laboratory and the VA Center for Basic and Clinical Neuroscience Studies of Schizophrenia, and Deputy Chief of Staff for Mental Health Services. His research interests are in the neurobiology of behavior. In sleep research, he studies the basic electrophysiology and neuropharmacology of control of the states of sleep and wakefulness. His work in this field has been recognized by numerous honors, including the Distinguished Scientist Award and Presidency of the Sleep Research Society, two successive 10-year MERIT grant awards from NIMH, and his chairing the National Academy of Science/ Institute of Medicine Research Briefing Committee on Basic Sleep Research. His interests in clinical applications of this work have included sleep abnormalities in depression and understanding the formal properties of dreams. His interests in schizophrenia include clinical evoked potential and MRI studies of brain abnormalities and their modeling at the cellular level in animals. He has chaired the clinical neuroscience and biological psycho-pathology NIMH study committee, the NIMH Carmel conference on Neuro-imaging and has been a member of several NIH, VA and APA mental health task forces. International recognition and awards for his work have come from many European countries, as well as from Australia, Canada, India, Israel, Japan, and Korea. In 1998 he received the American Psychiatric Association Research Award. He has more than 150 peer-reviewed publications and is currently a member of the editorial boards of the Journal of Neuroscience, Sleep Research, Biological Psychiatry and Psychophysiology.

**b) Dr. Jack Antel** is a clinical neurologist who coordinates the multiple sclerosis research and treatment programme at the Montreal Neurological Institute. He is a Professor at McGill University where he has served as Chairman of the Department of Neurology and Neurosurgery. He has served on editorial boards for numerous neurological journals and on advisory boards for such organizations as the National Multiple Sclerosis Society of the United States, the American Neurological Association, and the Multiple Sclerosis Society of Canada. Prior to his work at McGill, Dr. Antel was Professor of Neurology at the University of Chicago. His interests include interactions between the immune and central nervous systems and inflammatory demyelinating disorders, including multiple sclerosis.

10. DIVISION OF NEUROVIROLOGY AND NEURODEGENERATIVE DISORDERS  
– OFFICIAL OPENING JUNE 21<sup>st</sup>, 2001 (CONT'D)

**c) Dr. Michael Salter** received an MD degree from the University of Western Ontario in 1982 and went on to obtain a Ph.D. in Physiology from McGill in 1987. After postdoctoral training at Toronto Western and Mt. Sinai hospitals he joined the staff of the Research Institute of the Hospital for Sick Children in 1990, with an appointment in the Department of Physiology at the University of Toronto. He moved rapidly through the academic ranks and is currently a Senior Scientist at HSC and a Professor of Physiology at U of T. Dr. Salter's primary research and clinical interest is in pain mechanisms and management. One of his main research foci is on synaptic physiology and he has done groundbreaking work that has challenged our fundamental concepts about how synapses are regulated, work which has broad implications for neuroscience. He has won numerous awards and accolades for his research including the Early Career Investigator Award from the Canadian Pain Society and a CIHR Investigator (MRC Scientist) award. Recently he co-authored a seminal review article on pain and neuroplasticity which appeared in the prestigious journal *Science*. In 1997 Dr. Salter was lead author on a proposal which established the U of T Centre for the Study of Pain (UTCSP), an academic centre of excellence for pain research and education encompassing 4 Faculties – Nursing, Dentistry, Medicine and Pharmacy. Its primary mission is to be an internationally leading model of interdisciplinary and interprofessional collaboration on pain. Dr. Salter is the founding Director of the UTCSP. In addition, Dr. Salter holds other administrative posts, most notably he is a member of the Institute Advisory Board of the Institute on Neuroscience, Mental Health and Addiction of the Canadian Institutes of Health Research.

**d) Dr. Avindera Nath** is a Professor in the Departments of Neurology and Microbiology and Immunology at the University of Kentucky. From 1990-97, he was a faculty member at University of Manitoba in the Section of Neurology in the Department of Internal Medicine, and the Department of Medical Microbiology where he held a MRC scientist award. He has been actively engaged in both basic and clinical research on the neurological complications of AIDS since the beginning of the AIDS pandemic. He is a member of the NIH Neuro-AIDS study section and an advisor to the National Institute of Neurological Diseases and National Institutes of Drug abuse on matters related to research in Neuro-AIDS. He also a member of the Neuro core committee of the AIDS Clinical Trials Group and the Neurological AIDS Research Consortium.

### 10.3 Photo



Shown left to right  
(back row) Drs. Michael Salter, Jack Antel,  
Michael Mayne, Robert McCarley  
(front row) Drs. Avi Nath, Jonathan Geiger,  
and Gordon Glazner

## 11. BYLAWS

(Revised 1998/03/11)

### ARTICLE I. NAME

The name of this chapter shall be the Winnipeg Chapter of the Society for Neuroscience.

### ARTICLE II. PURPOSE

The purpose of the Winnipeg Chapter shall be to promote at the local level the general objectives of the Society for Neuroscience. These are "(a) to advance the understanding of nervous systems... by bringing together scientists of various backgrounds and by facilitating the integration of research directed at all levels of biological organization; (b) to promote education in the neurosciences; and (c) to inform the general public on the results and implications of current research in this area."

### ARTICLE III. MEMBERSHIP

Section 1. Members. The Winnipeg Chapter of the Society of Neuroscience shall consist of two classes of member: Regular and Student.

Section 2. Regular Members. Any scientific worker residing in Manitoba or the surrounding area who has an interest in research relating to the neurosciences is eligible for Regular Membership. The Executive and Council members shall have responsibility for approval of all applications for Regular Membership.

Section 3. Student Members. Student Membership in the Chapter is open to any person enrolled in undergraduate or graduate training in the neurosciences or related fields.

Section 4. Dues and Assessments. The Executive and Council members shall set annual dues and special assessments to the Regular and Student Members according to the needs of the Chapter. The membership year shall be the calendar year, and dues shall be payable in advance.

### ARTICLE IV. MEETINGS

Section 1. Annual Meeting. The Chapter membership shall meet annually at a place and time designated by the Executive and Council members. Special meetings of the membership may be called as well.

Section 2. Notice of Meetings. The President of the Chapter shall give notice of annual meetings and special meetings to the membership by mailing to each Regular and Student Member, stating the place and time of the meeting and the purpose for which the meeting is called.

Section 3. Quorum. A quorum for transaction of business shall be not less than ten Members or twenty-five percent of the membership, whichever is larger, at business meetings of the Chapter.

Section 4. Voting and Representation. Each Regular and Student Member who is present shall be entitled to one vote at all meetings of the membership of the Society.

#### ARTICLE V. OFFICERS

Section 1. The Officers of the Chapter. The officers will consist of (1) a President, (2) a Secretary, and (3) a Treasurer. The above named individuals will make up the Executive of the Chapter.

Section 2. President. The President shall be the chief executive officer of the Chapter and preside at all meetings. The President shall be elected at an annual business meeting or by mail vote for a term of two years. Election shall be by simple plurality of votes received by the Executive and Council members.

Section 3. Secretary. The Secretary shall be elected at a business meeting or by mail vote and shall serve for a term of two years. The Secretary shall substitute for the President if the President is unable to serve.

Section 4. Treasurer. The Treasurer shall be responsible for all monies and valuable effects of the Chapter, and for full and accurate accounting of receipts and disbursements in books belonging to the Chapter. The Treasurer shall have signatory powers and shall disburse the funds of the Chapter as may be ordered by the Executive and Council members. The Treasurer shall report to the membership of the Chapter at its regular business meetings an account of the financial transactions and status of the Chapter. The Treasurer shall be elected at the annual business meeting or by mail ballot for a two-year term.

Section 5. Nomination of Officers. The Nominating Committee shall consist of the Councilors of the Chapter. The Nominating Committee shall present a slate with not less than two, nor more than three, names for each position, from among the roll of Regular Members of the Chapter.

Section 6. Voting. Officers shall be elected by simple plurality of votes on ballots received by the Executive and the Councilors at the annual business meeting or by mail.

#### ARTICLE VI. COUNCIL

Section 1. Council. The Society's affairs shall be conducted through a Council consisting of six elected Councilors and the President, Treasurer and Secretary. One of the councilors shall be a student. The councilors shall represent various constituent bodies as outlined in a policy of the Chapter. The councilors shall be sought by the elected executive council from the constituents.

Normally,  
Basic Science Councilor  
Clinical Councilor  
Fort Garry Councilor  
Bannatyne Councilor

IBD/UW Councilor  
Student Councilor

All members of Council shall be entitled to one vote each except for the presiding officer, who shall vote in the case of a tie.

Section 2. Quorum. A quorum of Council shall consist of five of the nine members.

Section 3. Meetings. Council shall meet at times and places as it deems necessary, and may transact business by mail provided that not less than four members of Council approve in writing any proposed transaction.

Section 4. Election of Councilors. Councilors shall be elected for a single three-year term, with one councilor elected at each annual business meeting.

Section 5. Nomination of Councilors. Same procedures and guidelines as for Officers, except the slate shall be provided in advance of each annual business meeting. A notification for a "Call for Councilors" would be made in advance of selection of councilors.

Section 6. Voting. Councilors shall be elected by a simple plurality of votes on ballots received by the Executive and Council members.

#### ARTICLE VII. FISCAL AND MEMBERSHIP YEAR

Section 1. Period. The fiscal year and membership year of the Chapter shall coincide with the Society for Neuroscience, i.e. January 1 to December 31.

Section 2. Treasurer's Report. A report of the fiscal state of the Society shall be made by the Treasurer at the Annual Meeting and whenever requested by Council.

#### ARTICLE VIII. AMENDMENTS

These Bylaws may be amended by simple majority of votes cast at the Annual Business Meeting of the Chapter. Changes in the Bylaws go into effect following their adoption at the Annual Business Meeting.

#### ARTICLE IX. DISSOLUTION

Upon dissolution of the Chapter, any remaining assets shall be conveyed into a registered charitable organization, to be selected by the Council.

