

Winnipeg Chapter – Society for Neuroscience (Winnipeg, Manitoba, Canada)

2008 PRESIDENT'S REPORT:

1. SFN Grass Traveling Scientist Award – 2008

WCSN received a 2008 SFN GTS awarded to Dr. Jonathan Wolpaw

Speaker: [Dr. Jonathan Wolpaw](#), MD, PhD
Chief, Laboratory of Nervous System Disorders
Wadsworth Centre, New York State Department of Health,
Albany, New York

Title: *"The CNS Mechanisms and Therapeutic Uses of a Simple Motor Skill"*

Approximately 125 people attended the scientific lecture on October 27th, 2008 at 3:00 pm in Theatre C, Bannatyne Campus, University of Manitoba

2. SFN Presentations in Washington (Nov/08)

[38th Society for Neuroscience Annual Meeting](#) was held November, 2008 in Washington D.C. USA.

Winnipeg neuroscientists were responsible for 30 presentations

3. Brain Awareness Activities in 2008

Due to the inability to secure a keynote speaker, WCSfN did not hold a Brain Awareness Week event in 2008

4. Membership Services

The first 2008 membership campaign was held at the November 2007 Grass lecture and membership e-mails were sent out in January 2008.

Total # 2008 members = 66 (as of October 2008, up 3 members from 2007)

33 Regular members (Faculty/Res. Associates/Clinicians), 33 Student members

The 2008 Membership list is posted on the WCSN website

<http://www.sfn-manitoba.ca/WCSN2008Members.html>

5. Outreach Activities in 2008

2008 Science Fair - Manitoba School Science Symposium:

As a part of the Brain Awareness Week, the Winnipeg Chapter of the Society for Neuroscience participated in the Manitoba School Science Symposium annual provincial science fair (Grade 5- 12).

Our Chapter awarded 3 prizes (totaling \$500) for the best neuroscience-related presentations. Approximately 40 presentations had a neuroscience subject matter and so it was a difficult job to select just 3 from such an array of talent.

The judges, Drs Fernyhough, Glazner and Albensi, focused on innovation and evidence that the project was clearly the work of the student.

1st place (\$250 prize); Victor Li
2nd place (\$150 prize, shared); Nika Karpesho
3rd place (\$100 prize); Keisha Mendoza

2008 Science Fair (Sovantis) Symposium:

The Winnipeg Chapter Society for Neuroscience 2008 participated in the annual Sanofi-Aventis Biotechnology Challenge, High School Science Fair. An award was presented for the best neuroscience-related poster.

Awarded to Michael Teichman

The Winnipeg Chapter of the Society for Neuroscience is actively involved in the:

Kid-Netic Energy Science and Engineering Camp implemented Neuroscience theme days in our camp curriculum at the following locations:

- Cross Lake First Nation - Flin Flon
- Steinbach - Norway House First Nation
- Niverville - Clearwater
- Rossbrook House - University of Manitoba

Neuroscience programming engaged **493 grade 4—6 students** this summer. Kid-Netic Energy offers programming in theme days, with campers doing four to six activities over the course of a day in a specific topic area. The Neuroscience theme day was centered around educating the children about the function and composition of neurons as well as brain anatomy. Activities for Neuroscience Day were:

The 5 Senses Game: Campers learned about the five senses and how the brain transmits the signals for each sense, using interactive sense stations for each sense.

Reaction Time: Campers learned about reactions times and the effect of sight and hearing on reaction time through experimenting with various scenarios.

Rope Neuron Model: Campers built a large scale model of a neuron using ropes, masking tape and a plastic container and then demonstrated the transmittal of a signal.

Beady Neuron: Using plastic beads the campers constructed a neuron model, including the synaptic terminal, the axon, the cell body and the dendrites.

Shower Cap Brains: Using a template the campers traced the parts of the brain onto white shower caps and then labeled and coloured the sections of the brain to have a wearable model.

Brain Dissection: Campers were given a sheep's brain. In an instructor facilitated dissection, campers examined the external brain structures (forebrain, hindbrain and spinal cord). After slicing the brain in half the campers identified the forebrain, grey and white matter, midbrain, hindbrain and spinal cord.

Neuroscience Workshop Programming

WISE now offers two Neuroscience workshops: Using Your Brain (grade 8) and Neuroscience The Inner Workings (grade 11) as part of our regular workshop menu of 25 curriculum based workshops. Each year WISE provides more than 700 workshops across Manitoba reaching more than 22,000 youth.

Using Your Brain (grade 8): a discussion of the neurosystem, its cells and their functions, including information on neurodegenerative disorders and research in these areas at the St. Boniface Research Centre. Students will have the opportunity to play games and participate in hands-on activities.

Neuroscience, The Inner Workings (grade 11): Further discussion on the neurosystem function and dysfunction resulting from neurodegenerative disorders.

Participants: Dr. Paul Fernyhough, Dr. Ben Albensi.

MindSET

MindSet, the Manitoba Network for Science and Technology, operates as a program of the Government of Manitoba's ministry of Science, Technology, Energy and Mines (STEM). ([link to www.gov.mb.ca/stem](http://www.gov.mb.ca/stem)). Since its inception in 1999, as a program to increase the science and technology awareness of students, MindSet has developed into one of Canada's successful science, technology and engineering career awareness programs. Dr. Emma Frost has been working with Norm Lee and Bob Brown, coordinators of MindSET, to establish constructive links between the Neuroscience Community in Winnipeg, with local schools, to increase the participation of students in sciences early in their careers.

6. Financial Report

Winnipeg Chapter Society for Neuroscience Annual Revenue and Expense Report

January to December	2005	2006	2007	2008
Opening balance	\$ 3,280.43	\$ 3,723.39	\$ 4,883.08	\$ 3,241.44
REVENUE				
Brain Awareness Event				
Canadian Institutes for Health Research		2,000.00	2,000.00	1,000.00
AstraZeneca				0.00
Epilepsy Manitoba				0.00
Huntington's Society				0.00
Institute for Biodiagnostics				0.00
Manitoba Head Injury				0.00
Manitoba Heart and Stroke Foundation				0.00
Pfizer				0.00
Smith Kline Beecham				0.00
Sport Manitoba				0.00
SBRC		500.00	1,000.00	0.00
U of M Dept Pharmacology				0.00
Membership Dues	685.00	945.00	740.00	410.00
Society for Neuroscience		3,981.78	2,217.00	2,444.20
Bank Interest	1.72	2.61	2.57	2.43
TOTAL REVENUE	\$ 686.72	\$ 7,429.39	\$ 5,959.17	\$ 3,856.63
EXPENSES				
Brain Awareness Event (speaker expenses)				
Catering (Aramark - SBRC)				
Awards/Prizes	100.00	600.00	745.34	
Bank Fees		10.00	0.00	
Equipment Rental		413.95	106.00	
Honorariums & gifts		590.45	570.70	
Advertising		100.00	0.00	
Accommodations				
Grass Lecturer (speaker expenses)			2,602.56	863.39
Advertising				0.00
Grass Catering - Aramark				134.40
Grass Catering - Pedway				107.86
Honorarium & gifts		600.97	300.00	423.57
Accommodations		289.84	129.95	418.59
Meals				252.66
Equipment Rental				27.50
Centre on Aging & WISEKidnetic support		250.00	0.00	0.00
Manitoba School Science Symposium awards				600.00
Meeting(s) Expenses	98.16	2,447.53	3,125.98	183.44
Office Expenses & website	45.60	966.96	20.28	212.34
TOTAL EXPENSES	\$ 243.76	\$ 6,269.70	\$ 7,600.81	\$ 3,223.75
CLOSING BALANCE	\$ 3,723.39	\$ 4,883.08	\$ 3,241.44	\$ 3,874.32

Closing balance as of December 31, 2008 includes the 2008 SFN Grass Traveling Scientist award of \$1263.60+1180.60 for 2007 Grass (cheque deposited in 2008), and \$1000 from CIHR towards 2009 BAW

***Membership** dues are collected for one or three years therefore some 2008 membership dues have been deposited in the previous year.

7. Elections.

Current Council Composition (elected Nov 30, 2007)

ELECTED EXECUTIVE OFFICERS

PRESIDENT

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C. ADMINISTRATIVE SUPPORT

WCSFN Executive Assistant

2009 vacant

2008: Kelly JORUNDSO

Neurodegen. Dis. Admin. Manager

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