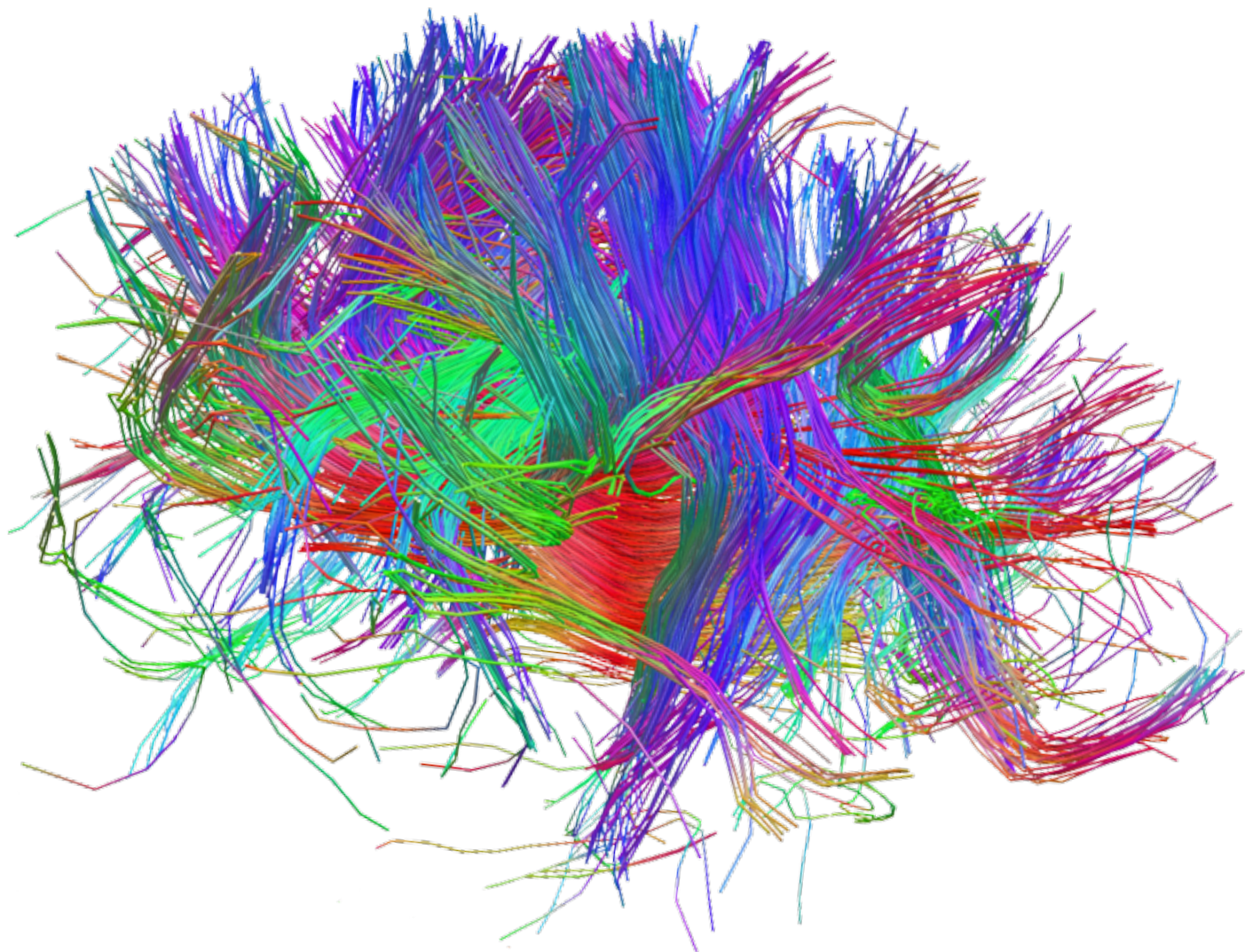


CANADIAN NEUROLOGICAL SCIENCES FEDERATION

NEURONEWS

ANNUAL EDITION 2014





OUR MAJOR SPONSORS

The CNSF could not survive without the support it receives from all industry sectors. The CNSF's relationship with all its sponsors, exhibitors and supporters is an excellent one; based on honesty, integrity and transparency. Industry supports the CNSF throughout the year; at our Congress, through our Journal and in our other CPD activities. Industry is very generous year after year in their provision of unrestricted and unconditional grants to the CNSF; thank you.

The CNSF's major supporters are listed below, none of whom have had any input into the CNSF's CPD programs nor the Congress sessions they support; no sponsors were involved in the selection of any of the Congress courses, their titles, the program content or speakers.

Thank you all.

Platinum



UCB CANADA INC.

Sponsor of: the Lunch 'n Learn on Parkinson's, the Epilepsy Video SiG and Course, the Exhibitors' Reception, the Networking BBQ and a Fellowship Grant to the Canadian Society of Clinical Neurophysiologists



BIOMGEN IDEC

Sponsor of: the Co-developed Multiple Sclerosis Institute, the delegate bag and various other initiatives

Gold



ALLERGAN

Sponsor of: the Chronic Migraine: OnabotulinumtoxinA injection workshop, Headache Course, Headache SIG, and a Fellowship Grant to the Canadian Society of Clinical Neurophysiologists and the Canadian Headache Society

Silver



SCOTIABANK

Sponsor of: the Lunch 'n Learn on Resident Finances



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EISAI

Sponsor of: the Clinical Functional MRI Applications in Epilepsy Course and the lanyards



NEUROLOGICAL SCIENCES FOUNDATION OF CANADA

The NSFC raises money to support organizations whose activities and initiatives are of importance to neurologists, neurosurgeons and the neurological community



LIFELABS

Sponsor of: Genetics of Neurologic and Neurodegenerative Syndromes Course



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Sponsor at the Bronze Level

MESSAGE FROM THE CEO



Neuro|News is a bi-monthly publication of the CNSF which is used to communicate relevant CNSF and member Society activities; highlights of the Congress, member profiles, information on the Journal and activities of our major Committees such as Professional Development, Scientific Program, Advocacy, and Clinical Practice Guidelines. We also utilize the **Neuro|News** to promote Membership services and benefits.

Neuro|News is one of the many 'mediums' we use to communicate with our members. We also use the Journal, email communications and our website to keep members and associated organizations informed of relevant and important CNSF activities.

Neuro|News is scheduled, designed, produced and distributed by the Secretariat, but we encourage suggestions and submissions from all members and Societies, i.e. Society information, studies, surveys and information on Committee activities just to name a few.

This 'annual edition' of the **Neuro|News** is intended to provide you with a comprehensive overview of the CNSF. It is also intended to more clearly and succinctly detail the CNSF activities and how the volunteers comprising the CNSF Board and the CNSF Committees are working hard on your behalf to provide you with the benefits of joining one, or more, of the four Societies which comprise the Federation.

We hope you find this 'annual edition' of the **Neuro|News** both informative and of value.

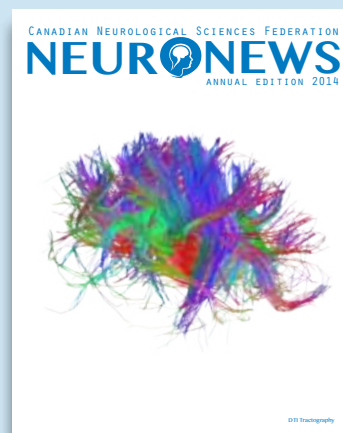
Thank you.

Dan Morin
Chief Executive Officer
Canadian Neurological Sciences Federation

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For more information, visit:
humanconnectomeproject.org



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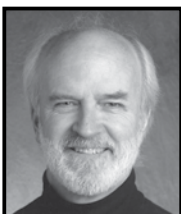
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*CNSF/NSFC Board
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*CNSF/NSFC Board
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BENEFITS OF MEMBERSHIP



OUR MEMBER SOCIETIES

The four member societies of the CNSF are the actual 'owners' of the Federation. Each Society is represented on the CNSF Board by their President and Vice President. Individuals from the membership at large are elected to serve on the CNSF Executive Committee (CNSF President and three Vice Presidents). The Board also has two at-large members appointed and one official residents' representative (and two non-voting residents' representatives).

Member Societies also nominate individuals to the major CNSF Committees, i.e. Professional Development, Scientific Program, Advocacy, Clinical Practice Guidelines, and International Development.



CANADIAN NEUROLOGICAL SOCIETY (CNS)



CANADIAN ASSOCIATION OF CHILD NEUROLOGY (CACN)



CANADIAN SOCIETY OF CLINICAL NEUROPHYSIOLOGISTS (CSCN)



CANADIAN NEUROSURGICAL SOCIETY (CNSS)

CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES

The official publication of our four member societies, the Journal is a widely circulated, internationally recognized, peer reviewed medical journal.

Members receive a full access online subscription to the Canadian Journal of Neurological Sciences (CJNS). Six issues per year, plus supplements, available through the CNSF Member Centre.

CNSF Members and Journal subscribers have exclusive access to the most current year of this publication. If an author requests immediate open access for an article, in accordance with CIHR Granting requirement, the repository upload fee is \$2,000 / article for first open access repository upload. CNSF Members pay only \$1,000 for this service.

ANNUAL SOCIETY PRIZES

Members have the opportunity to win valuable society prizes. There are 6 first place prizes available, each valued at approximately \$2,500. Winners have the privilege of presenting their work at a Platform presentation at the Congress. There may also be opportunities for \$500 second prizes. All details and submission information is available in the annual "Call for Abstracts Book" on our website.

SCOTIA PROFESSIONAL® PLAN

The CNSF and Scotiabank alliance provides CNSF members with an enhanced Scotia Professional® Plan, a flexible program designed to meet your financial needs at each stage in your career. Additional information may be found within the CNSF Members' Centre.

ANNUAL CONGRESS

Our Federation, assisted by the Professional Development and the Scientific Program Committees, hosts an Annual Canadian Congress geared towards the continued professional development learning needs of Neurologists, Neurosurgeons, Pediatric Neurologists, Neurophysiologists and Neuroscientists.

Members attend the CNSF Annual Congress at a generously discounted registration fee.

Our Congress is an accredited learning activity; earn CME credits for your Continuing Maintenance of Certification; gather with your colleagues and friends from across the country. Learn, Mentor, Share, Teach, Collaborate, Advocate

RESIDENTS

First-year residents can apply for complimentary first-year membership. Subsequent years of membership during residency are also partially subsidized by their Society.

The CNS, CNSS and CACN, all have a resident representative on the CNSF Professional Development Committee and the CNSF Scientific Program Committee. These committees determine the scientific program for each year's annual meeting. The resident representatives attend the CNSF Board of Directors meetings, as well as society and council meetings. Resident members are welcome to contact their society resident representative with any issues, concerns or ideas that they would like to see discussed at their Society Council meeting or the CNSF Board meetings.



The Canadian Neurological Sciences Federation is pleased to be aligned with the following Affiliate and Associate Societies. We value and appreciate these partnerships.

CNSF AFFILIATE SOCIETIES...

often include CNSF members within more specialized areas of expertise. These societies assist in providing leadership and planning for Congress sessions within their specialties.

- Canadian ALS Research Network (CALS)
- Canadian Brain Tumour Consortium (CBTC)
- Canadian Headache Society (CHS)
- Canadian League Against Epilepsy
- Canadian Movement Disorders Group (CMDG)
- Canadian Network of MS Clinics
- Canadian Neurocritical Care Society
- Canadian Neuromuscular Group
- Canadian Stroke Consortium (CSC)
- Consortium of Canadian Centres for Clinical Cognitive Research (C5R)

CNSF ASSOCIATE SOCIETIES...

are professional societies that have similar goals to the CNSF.

- Canadian Association of Neuroscience Nurses (CANN)
- Canadian Association of Electroneurophysiology Technologists Inc. (CAET)
- The Association of Electromyography Technologists of Canada (AETC)
- Canadian Association For Neuroscience (CAN)

DON'T FORGET...

Brewster's MountainView Barbeque on Thursday, June 5. Brewster's BBQ furnishes a truly western experience serving a hearty, buffet-style meal of famous Brewster BBQ hip of beef, chicken, veggies and salad. Inside the Brewster's "donut" tent you can gather around the warmth of the central bonfire or kick-up your heels with the country and western band and two-step the night away. This event is only 10 minutes from Banff.

Free shuttle service from the hotel begins at 7:00pm. Tickets must be purchased in advance.



NETWORKING BBQ



The CNSF Board of Directors created a Clinical Practice Guidelines Committee (CPGC) to develop recommendations on how to deal with requests to endorse best-practice guidelines.

The goals of the Clinical Practice Guidelines Committee are to:

ESTABLISH a framework and processes for the promotion and endorsement of clinical practice guidelines so that evidence-based guidelines meet the needs of, and can be communicated effectively to, the CNSF member Societies and their individual members.

ENCOURAGE the development, dissemination and implementation of clinical practice guidelines by the Affiliate Societies and other groups that represent the sub-specialties of Neurology and Neurosurgery.

INVESTIGATE the potential for adapting and adopting Clinical Practice Guidelines developed in other countries, particularly the USA and Europe, for member use in Canada.

CO-CHAIRS: GEORGE ELLEKER & SHOBHAN VACHHRAJANI

COMMITTEE MEMBERS: DEREK FEWER, LYLE WESTON, SHARON WHITING, ELIZABETH DONNER, RICHARD RIOPELLE, GARTH BRAY

ADVOCACY

In 2008 a coalition called Neurological Health Charities Canada (NHCC) was formed by most of the Specialty Societies that represent specific neurological disease/disorder groups from across Canada. The NHCC rapidly evolved into an effective organization that obtained financial support from both the Federal and Ontario governments for two important projects concerning the incidence and management of the disabilities caused by chronic neurological conditions. The CNSF is an active member of the NHCC and channels its advocacy efforts through that coalition; while maintaining its independence for other internal advocacy activities.

Current update of the study:

The National Population Health Study of Neurological Conditions successfully engaged grass-root caregiver communities, health charities, public policy leaders and over 130 academic and clinical investigators in Canada's first-ever population health study of neurological conditions marking an unprecedented level of collaboration across fields, professions, jurisdictions, disease states and interests, and generating a new level of understanding of the scope and impacts of neurological conditions on individuals, families and society overall.

Neurological conditions have varying effects both within and across conditions, but individuals living with these conditions share many of the same functional impacts and needs. A public health approach can help many Canadians, regardless of condition. The NPHSNC has improved the Canadian understanding of the: impact on affected individuals, their families, caregivers and communities, including economic impacts and quality of life now and over the next 20 years; risk factors for the onset and progression of these conditions; health services needs; and scope of neurological conditions in terms of the incidence (the number of new cases in a given time period) and the prevalence (the number of individuals in the population with a neurological condition).

The Study has estimated that neurological conditions affect over 3.6 million Canadians living in the community and 170,000 living in institutions. People living with a chronic brain condition use more health care services than those living with other chronic conditions, resulting in greater costs for individuals and the broader system. Living with a neurological condition can seriously compromise an individual's quality of life, and that of their family, due to negative impacts on general health, work status and financial security, out of pocket health care expenses, significant limitations on their regular activities, and feelings of stigmatization.

Raising awareness of the magnitude of neurological conditions as well as their impact on the health care system and Canadian society is the first step in enhancing clinical knowledge for care provision (unique challenges and needs; causation of disability; impact on family members and caregivers). Therefore, the challenges faced by health care providers are greater, more burdensome, and require more time and resources.

CHAIR: RICHARD RIOPELLE

COMMITTEE MEMBERS: GARTH BRAY, MICHAEL HILL AND MAX FINDLAY



INTERNATIONAL DEVELOPMENT

THE CNSF International Development Committee (IDC) is responsible for building relationships with developing countries in the area of neurological sciences; relationships which will be mutually beneficial to those countries and to the CNSF.

The primary goal of IDC is to facilitate participation of CNSF members in International Development through collaboration with international organizations of neuroscience professionals such as the World Federation of Neurology, the World Federation of Neurosurgery and others to provide CNSF members with information on how to individually participate in international development activities.

CHAIR: MORRIS FREEDMAN

CONTINUING PROFESSIONAL DEVELOPMENT

The CNSF is committed to providing relevant CPD opportunities to its members and to Neurologists and Neurosurgeons, in general. Both the CNS and the CNSS, member societies of the CNSF, are accredited providers of the Royal College's Maintenance of Certification (MOC) program.

One of the CNSF's primary CPD activities is, of course, the Congress. Planning for the Congress is a year round activity and involves a review of past Needs Assessments and Evaluations; including Congress Specific Course Evaluations, Overall Congress Evaluations, Auditor Evaluations and the results of the CNSF Membership Needs Assessment and Satisfaction Survey.

The Professional Development (PDC) and Scientific Program (SPC) Committees work collaboratively to develop each year's Congress program; ultimately approved by the CNSF Board and its Societies.

The Professional Development Committee is responsible to determine members' educational needs, facilitate learning opportunities and advise the CNSF Board with respect to ongoing professional development of the members of the four constituent Societies. The PDC through the analysis and review of Needs Assessments provides suggestions for Course topics and content based on the summaries.

The Scientific Program Committee is responsible for creating learning activities for the Congress, based on the Needs Assessment and Evaluation Summaries and the recommendations of the PDC.

NATIONAL FELLOWSHIPS

The Canadian Society of Clinical Neurophysiologists (CSCN) wishes to announce that **Dr. Nicolas Chrestian** has been awarded the **Canadian National Clinical Fellowship in Neuromuscular Medicine and Electromyography**.

This fellowship was made possible by an unrestricted educational grant from Allergan Canada. Thank you Allergan Canada!

Congratulations Dr. Chrestian



The Canadian Society of Clinical Neurophysiologists (CSCN) wishes to announce that **Dr. Ruba Benini** has been awarded the **Canadian National Clinical Fellowship in Epilepsy & Electroencephalography**.

This fellowship was made possible by an unrestricted educational grant from UCB Canada, Inc. Thank you UCB!

Congratulations Dr. Benini



2014 CONGRESS PLANNING COMMITTEE



Members from each of the 4 societies have representation on our Scientific Program Committee and Professional Development Committee. These two committees comprise the Congress Planning Committee.

Bev Prieur	PDC Chair (CACN, CNS)	Jeanne Teitelbaum	CNSF Vice-President, SPC (CNS)
Kesh Reddy	PDC Vice-Chair (CNSS)	Joe Megyesi	PDC (CNSS)
Draga Jichici	SPC Chair (CNS)	Lawrence Korngut	SPC (CNS, CSCN)
Simon Walling	SPC Vice-Chair (CNSS)	Michael Hill	CNSF Board, SPC (CNS)
Chris Wallace	CNSF Vice-President (CNSS)	Aleksandra Mineyko	SPC (CACN)
Craig Campbell	SPC (CACN)	Janka Hegedus	SPC, PDC (CNS)
Danielle Andrade	SPC (CSCN)	Michael Tso	SPC, PDC (CNSS)
Pat McDonald	SPC (CNSS)	Roger McKelvey	PDC (CNS)
Garth Bray	CNSF Vice-President, PDC (CNS)	Rudolf Arts	PDC (CNS, CSCN)
J. Max Findlay	CNSF President, SPC (CNSS)	Serena Orr	SPC, PDC (CACN)
James Perry	SPC (CNS)	Seyed Mirsattari	SPC (CSCN)

INDUSTRY UPDATES & SUPPORT

INDUSTRY UPDATES

Last year the CNSF introduced the CNSF Virtual Exhibit Hall (VEH) to showcase Sponsors and Exhibitors within an online environment.

This year we have changed the name of the website to Industry Updates to reflect the following enhancements.

We have added more sections to the virtual booths to highlight not only the products and services offered by organizations, but to highlight the organizations' contributions to the needs of patients as well as any other contributions they make to the Canadian Neurological Community.

Please take time to view <http://iu.cnsfederation.org/> and provide us with feedback, within the 2014 Online Overall Congress Evaluation.



INDUSTRY SUPPORT

Much has been discussed recently about private sector funding in support of Canadian National Specialty Societies' CME activities.

The CNSF could not survive without the support it receives from all industry sectors. The CNSF's relationship with all its sponsors, exhibitors and supporters is an excellent one; based on honesty, integrity and transparency. Industry supports the CNSF throughout the year; at our Congress, through our Journal and in our other CPD activities. Industry is very generous year after year in their provision of unrestricted and unconditional grants to the CNSF; thank you.

It is important to realize that the CNSF develops all of its CPD activities, including the Congress program, independent of any 'industry' input. The CNSF steadfastly adheres to all the Royal College's rules and regulations, and develops its CPD activities based on members' feedback (perceived and unperceived needs) from Congress evaluations, Membership surveys and other methods of information gathering.

SCALING NEW HEIGHTS IN NEUROSCIENCE NURSING 45th Annual Meeting and Scientific Sessions, June 3-6, 2014

The Southern Alberta chapter of CANN is hosting the 2014 CANN Annual General Meeting and Scientific Sessions. The conference is being held at the Banff Park Lodge located in central Banff. This is the same venue we were at 24 years ago. At that time and in that location we did a great deal of work on the Canadian Nurses Association's neurosciences certification examination, which was the first national certification exam launched by CNA. There are now 20 certification exams in various nursing specialties and more in the works.



Presentations at this year's meeting will highlight ways neuroscience nurses are scaling new heights in the areas of practice, education, research, leadership, patient safety and quality improvement. There are both plenary and concurrent talks covering the range of sub-specialties within the field of neuroscience nursing. A variety of workshops will focus on skills development.



We wish our colleagues at the Canadian Neurological Sciences Federation's 49th Congress a most successful meeting. We hope you know you are welcome to come to our venue to hear any talks you may find of interest, to see our poster presentations, or simply to come and have a visit with your nursing colleagues.

Welcome to Banff and to Alberta.

CHAIR: CHRISTIANNE KRASSMAN, RN, BN, CNN(C)
SCIENTIFIC PROGRAM CO-CHAIRS: NANCY THORNTON, RN, MSCN, CNN(C), SUZANNE BASIUK, RN, MN

WWW.CANN.CA

COME JOIN US...

CANN FUN RACE/RUN/ WALK

CANN Runners and Walkers will meet on Thursday June 5th at 6:15 am in the Main Lobby at the Banff Park Lodge for the 2014 Run for Research in support of the Marlene Reimer Research Award.

**This year's chapter challenge is
East vs West!
Who will be the best?**

**Thursday, June 5 • 6:15am
Main Lobby, Banff Park Lodge**

CNSF 50th Congress

**We will be celebrating the 50th Congress of the Canadian Neurological Sciences Federation
June 9 – 12, 2015 at the The Fairmont Royal York Hotel in Toronto Ontario**

We hope that you will join us for this special anniversary meeting!



A BRIEF HISTORY - The original Canadian Neurological Association was established in 1948. The founding meeting was held in Montreal and was attended by Wilder Penfield, Allan Waters, Walter Hyland, Jean Saucier, Francis McNaughton and Roma Amyot.

The first annual general meeting of this Association was held at the Royal York Hotel in Toronto and was attended by 38 prospective members from across the country. The association was established to represent neurology, neurosurgery and neurobiology and Dr. Wilder Penfield was named first president. In 1949, the association was renamed the Canadian Neurological Society.

The Canadian Neurological Society was dissolved in 1965 and two new societies were formed representing two distinct disciplines – the new Canadian Neurological Society for neurologists and the Canadian Neurosurgical Society for neurosurgeons. Together, their liaison committees planned the first annual joint meeting held in 1965 – the first Canadian Congress of Neurological Sciences.

In subsequent years, they were joined by the Canadian EEG Society (later named the Canadian Society of Clinical Neurophysiologists) and the Canadian Association of Child Neurology.

The Canadian Congress of Neurological Sciences was formally incorporated in 1990 with a board of directors representing each of the four member societies, and with a permanent secretariat office in Calgary, Alberta. In 2006, we became the Canadian Neurological Sciences Federation. The name was changed to better reflect the fact that the organization had been, for many years, a federation of four professional societies. This also helped to distinguish the organization from its annual meeting, which is the Congress.

Now, in 2015, we are very proud to be hosting our 50th Congress and we are so pleased to be back at the Royal York Hotel in Toronto.

The Congress has seen many changes over 50 years and we are very proud of where we are today. We strive to provide a solid scientific program each year assisted by your input from the evaluations and the hard work of your colleagues on the Continuing Professional Development committee and the Scientific Program Committee.

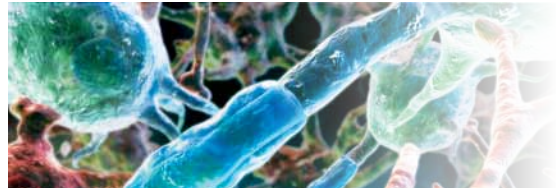
Just as the CNSF has grown, the city of Toronto has also grown, surrounding the Fairmont Royal York Hotel. The hotel was built in 1929, and became a notable landmark. The magnificent architecture of this hotel continues to grace the city's skyline, and dominate the city's social scene.

Located in the heart of down-town Toronto, the Fairmont Royal York is just steps away from the best night life, dining, shopping and other attractions that the city has to offer. The hotel features an indoor swimming pool, state-of-the-art exercise equipment, steam bath facilities and exceptional spa treatments. Come for the CNSF 50th anniversary Congress and the Royal York will ensure that your every need will be graciously met.



Committed to improving the lives of people with MS

With passion, purpose and a spirit of leadership we have transformed our scientific discoveries into major advances in human healthcare.



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EXHIBITORS & SPONSORS



ACTELION | BOOTH 26

Actelion Pharmaceuticals Ltd is a biopharmaceutical company headquartered in Allschwil/Basel, Switzerland, focusing on the discovery, development and commercialization of innovative treatments to serve high unmet medical needs.

ALLERGAN | BOOTH 2 **GOLD SPONSOR**

Allergan is a multi-specialty health care company established more than 60 years ago with a commitment to uncover the best of science and develop and deliver innovative and meaningful treatments to help people reach their life's potential. Today, we have approximately 10,000 highly dedicated and talented employees, global marketing and sales capabilities with a presence in more than 100 countries, a rich and ever-evolving portfolio of pharmaceuticals, biologics, medical devices and over-the-counter consumer products, and state-of-the-art resources in R&D, manufacturing and safety surveillance that help millions of patients see more clearly, move more freely and express themselves more fully. Allergan is also the Medlearn Co-Founding Sponsor.

BAYER INC | BOOTH 41

At Bayer, we put science to work in the areas of health, nutrition and high-tech materials. Across Canada and around the world, we develop products that improve quality of life for people, animals and communities. We are focused on achievement, support entrepreneurship and share a common will to succeed. We value integrity, honesty, and openness, and we have respect for one another and the environment. We bring these values to life every day in the way we work.

BAYLIS MEDICAL | BOOTH 34

Baylis Medical Canada is a leading Canadian supplier and distributor with a long history of importing and distributing products into the Canadian market. Baylis Medical distributes Kimberly-Clark's Pain Management system and Cyberonics Vagal Nerve Stimulator Therapy.

CAMBRIDGE UNIVERSITY PRESS | BOOTH 13

Cambridge Journals publishes over 340 peer-reviewed journals, including journals published on behalf of over 100 learned societies, which form the latest in research and discovery across a range of topics. Many of these journals are the leading academic publications in their fields and together they form one of the most valuable and comprehensive collections of research available today. Across the world, Cambridge Journals are available online and in print – keeping scientists, researchers and scholars abreast of crucial developments in research.

BIOGEN IDEC CANADA | BOOTHS 14 & 15 **PLATINUM SPONSOR**

Our research efforts are focused on better understanding the underlying biology of diseases so we can discover and deliver innovative treatments that make a real difference in the lives of patients with high unmet medical needs.

Biogen Idec already provides life-changing products such as TECFIDERA®, AVONEX®, TYSABRI®, and FAMPYRA® for patients affected by multiple sclerosis (MS). And, our development pipeline is one of the strongest in the industry. In the coming years, we will be working hard to bring new therapies to market for patients with serious neurodegenerative, non-malignant hematologic and autoimmune diseases.

CARETRAX NEURO | BOOTH 28

CareTrax Neuro Inc. is the Canadian office of Friendship Medical Electronics Ltd. Founded in 1992, Friendship specializes in the design, development and manufacture of neurological devices used for EMG, EEG, ECG and IONM. The annual production exceeds 20 million sets of 268 different models. Friendship holds a number of important patents that have filled gaps in the neurological device industry. Being equipped with advanced technologies and strong research and development capacity, Friendship is also able to provide customized solutions to fit its clients' needs.

CODMAN NEURO | BOOTH 8

Codman Neuro develops and markets a wide range of differentiated diagnostic and therapeutic products for the treatment of central nervous system and vascular disorders, with a focus on neurovascular pathology, intractable pain management, pediatric & adult hydrocephalus and neuro critical care.

COVIDIEN | BOOTH 4

Covidien is a leading global healthcare products company that creates innovative medical solutions for better patient outcomes and delivers value through clinical leadership and excellence. Covidien manufactures, distributes and services a diverse range of industry-leading product lines in three segments: Medical Devices, Pharmaceuticals and Medical Supplies.

Cambridge and CNSF Launch Publishing Partnership in 2014



The
journal

CANADIAN
NEUROLOGICAL
SCIENCES
FEDERATION



FÉDÉRATION
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DU CANADA

Canadian Journal of Neurological Sciences

cjns.org

The Canadian Neurological Sciences Federation (CNSF) and Cambridge Journals, a division of Cambridge University Press, have announced a new publishing partnership for CNSF's flagship publication: *Canadian Journal of Neurological Sciences (CJNS)*.



EXHIBITORS & SPONSORS



EISAI | BOOTH 21

BRONZE SPONSOR

Eisai strives to find and develop new compounds that improve the lives of people in Canada in the areas of neurology and oncology. Our neurology products include: Fycompa, for the adjunctive therapy in the management of partial-onset seizures in adult patients with epilepsy who are not satisfactorily controlled with conventional therapy and Banzel, for the adjunctive treatment of multiple seizure types associated with Lennox Gastaut-Syndrome in children 4 years and older and adults. Our oncology products include Halaven, for the treatment of patients with metastatic breast cancer who have previously received at least two chemotherapeutic regimens, Aloxi, for the prevention of chemotherapy induced nausea and vomiting, and Gliadel Wafer, for the treatment of newly diagnosed glioma and recurrent malignant glioblastoma.

ETHICON BIOSURGERY | BOOTH 9

With nearly 50 years of proven experience in hemostasis, ETHICON™ Biosurgery continues its dedication with cutting edge technologies that are supported by clinical and economic evidence. With our Ethicon Biosurgery products, we offer the world's most comprehensive portfolio of hemostasis solutions including proprietary oxidized regenerated cellulose hemostats (SURGICEL FAMILY including FIBRILLAR & SNOW), absorbable gelatin powder and sponges (SURGIFOAM), a flowable hemostatic matrix (SURGIFLO), synthetic sealant (OMNEX), and human fibrin sealant (EVICEL).

FRASER HEALTH | BOOTH 32

Fraser Health, located in the Metro Vancouver and Fraser Valley region of British Columbia, has 20 culturally and geographically diverse communities - from urban to rural. As the fastest growing region in the province, we provide health care services to 1.6 million people with 12 acute care hospitals, tertiary teaching hospitals and services in public health, home health, mental health and residential care facilities. Fraser Health has numerous infrastructure projects underway with unprecedented opportunities for health care professionals. We are now hiring for the June, 2014 opening of the Surrey Memorial Hospital Critical Care Tower. Our expansion means continued needs for Neurologists across the Lower Mainland and the Fraser Valley. We invite you to join us. Together, we create great workplaces.

GALEN MEDICAL | BOOTH 18

Galen Medical is proud to be associated with the CNSF and participating at the 2014 meeting in Banff. Established in 1986, Galen Medical Ltd. prides itself on working with neurosurgeons across Canada to provide surgical technologies that are unique and innovative. Products such as the Nico Myriad and the BrainPath are helping surgeons practice minimally invasive neurosurgery with excellent patient outcomes and the BoneScalpel from Misonix that allows the surgeon to perform safe spine osteotomies while always sparing adjacent soft tissue.

GENEDX | BOOTH 39

GeneDx tests for 350-plus rare Mendelian disorders using DNA sequencing and deletion/duplication analysis of the associated gene(s), and offers oligonucleotide microarray-based testing and next-generation sequencing based panels for inherited cancers, including gastrointestinal cancers and disorders, inherited cardiac disorders, mitochondrial disorders, and neurodevelopmental disorders. Visit GeneDx.com for additional information and contacts.

DON'T FORGET...

THE EXHIBITOR'S RECEPTION

Free admission for registered delegates!

Join your colleagues in the Exhibit Hall for a welcome reception for our sponsors and exhibitors. This is an excellent opportunity to network with colleagues while checking out the latest developments regarding medical devices, pharmaceuticals and new opportunities and achievements within the neuroscience field.

Wednesday, June 4
5:15pm to 7:15pm
Exhibit Hall



EXHIBITORS & SPONSORS

GENZYME – MULTIPLE SCLEROSIS | BOOTH 1

SILVER SPONSOR

Genzyme has long been known for our expertise in the class of rare genetic diseases known as lysosomal storage disorders (LSDs). Today we have also expanded our focus to other rare diseases and multiple sclerosis (MS). At Genzyme Canada, one area of significant unmet medical need where our experts have focused their attention is (MS). We are delivering new approaches for confronting MS now and in the future. Genzyme Canada is pleased to offer Lemtrada™, a unique therapy with a novel dosing regimen. Lemtrada further complements Genzyme's current oral therapy, Aubagio™ (teriflunomide), a once-a-day oral therapy, both approved by Health Canada for the treatment of Relapse-Remitting Multiple Sclerosis.

GENZYME – RARE DISEASES | BOOTH 3

SILVER SPONSOR

In 1991, Genzyme introduced the first product ever approved to treat a lysosomal storage disorder, Ceredase® (αglucuronidase injection). This first-generation enzyme replacement therapy product brought new hope to patients suffering from Type I Gaucher disease. Since then, Genzyme has developed a second-generation Gaucher disease product, Cerezyme® (αglucuronidase for injection), and introduced Fabrazyme® (αgalactosidase beta) for Fabry disease, Aldurazyme® (αlaronidase) for Mucopolysaccharidosis I (MPS I) and Myozyme® (αglucosidase alfa) for Pompe disease. As part of its commitment to new approaches to LSDs, Genzyme is developing a treatment for ASM-deficient Niemann Pick disease, a degenerative and fatal LSD. Acquired by Sanofi in 2011, Genzyme now benefits from the reach and resources of one of the world's largest pharmaceutical companies, with a shared commitment to improving the lives of patients.

GRIFOLS | BOOTH 12

SUPPORTER

Grifols is a global pharmaceutical company that develops and produces plasma-derived therapies and manufactures hospital pharmacy products, intravenous solutions, diagnostic tools and medical devices. As the third largest global producer of plasma therapies, Grifols has a presence in more than 90 countries and is the world leader in plasma collection, with 150 plasma donation centers across the U.S. Grifols supports the Neuromuscular SIG.

HEALTH MATCH BC | BOOTH 25

Health Match BC is a free health professional recruitment service funded by the Government of British Columbia.

IMRIS | BOOTH 35

IMRIS provides an optimized fully integrated image guided therapy environment that delivers timely information to clinicians for use during surgical or interventional procedures. The VISUS Surgical Theatre incorporates magnetic resonance imaging, CT and fluoroscopy into multi-purpose surgical suites to provide truly intraoperative imaging for specific medical applications. Our products are sold globally to hospitals that deliver clinical services to patients in the neurosurgical, spinal, interventional neurovascular and cardiovascular markets.

INTEGRA CANADA ULC | BOOTHS 29 & 30

Integra Canada is a leader in Neurosurgical Medical Devices and Neuro Critical Care Monitoring. We are pleased to feature at this year's meeting Integra products such as CUSA, Mayfield, Duragen, CRW Precise Stereotactic Frame, Ruggles instruments, Licox, and Camino. Integra having recently acquired Duraseal Dural Sealant we will be launching Duraseal Exact for Spinal applications. We will also be showing NEW innovative technologies such as the VS3 Visionsense 3D Stereoscopic Camera System and a new range of micro instruments and Sugita T2 Titanium Aneurysm Clips from Mizuho.

KEGO | BOOTH 17

King Medical has been a Canadian distributor of needles and accessories since 1993. We maintain a large inventory allowing us to ship orders via UPS the same day. We carry products from Alpine Biomed, Ambu, Chalgren, Dantec, Intronix, In Vivo Metric, Kendall, Mavidon, Natus, Nikomed, Parker Lab, Pharmaceutical Innovations, Technomed, 3M, Vermed & Weaver...and we have it in stock! We have the lowest prices in Canada on Ambu's Single Patient Cup Electrodes and IOM Subdermal Needles. Celebrating 20 years! Free shipping to anywhere in Canada for orders over \$750 (taxes not included).

LIFELABS | BOOTH 11

BRONZE SPONSOR

Centogene Canada, a Division of LifeLabs is part of the Centogene family. Centogene was founded in 2006 and has since been dedicated to the highest quality genetic and biochemical diagnostic testing for the global medical community. We believe that the molecular understanding of rare disease allows for the coordination of personalized and focused therapy and improved control of rare and congenital disease. As one of the world's leading companies in molecular diagnostics, we also support clinicians with expert genetic counselling services. We deliver solutions for your rare disease diagnostics on a laboratory scale. We believe that the best treatment to improve your patient's quality of life and disease state is early detection. Centogene Canada also collaborates with both academic and industry partners on the development of new diagnostic techniques, biomarkers and orphan drugs.



LEICA MICROSYSTEMS | BOOTH 42

Leica Microsystems announces the Leica M720 OH5 with Horizontal Optics and Leica M525 OH5 Neurosurgical microscopes, plus the first surgical microscope with built-in 3D HD video recording.

MEDTRONIC OF CANADA | BOOTHS 19 & 20

SILVER SPONSOR

Global leader in the industry, Medtronic is committed to advancing the treatment of spinal conditions. Our team has the most comprehensive knowledge of modern fusion, dynamic stabilization, artificial disc replacement, biologics, balloon technologies and minimally invasive techniques to serve physicians who treat a broad variety of spinal disorders.

NATUS NEUROLOGY INCORPORATED | BOOTH 24

Natus Neurology is a leading provider of healthcare products used for the detection and monitoring of neurological dysfunction, epilepsy and sleep disorders; neurophysiologic research, and cerebral vascular disorders. Our product brands include: ALPINE BIOMED • DANTEC • DELTAMED • EMBLA • GRASS TECHNOLOGIES • NICOLET • SCHWARZER • STELLATE • TECA • XLTEK

NEUROSOURCE MEDICAL | BOOTH 27

NeuroSource Medical is a Canadian-owned neurodiagnostic distribution company established by a group of professional physiologists and technologists who have a combined 70+ years of experience and a working knowledge of every product they sell. NeuroSource Medical has established relationships with many of the leading MD, PhD and technologists from across the country affording its customers expert opinions and product feedback to ensure complete satisfaction with every product delivered. This clinical and technical knowledge coupled with NeuroSource Medical's experience provides a service previously unavailable and unmatched by others within the industry.

NOVARTIS | BOOTH 31

Novartis Pharmaceuticals Canada Inc., a leader in the healthcare field, is committed to the discovery, development and marketing of innovative products to improve the well-being of all Canadians. In 2012, the company invested close to \$100 million in research and development in Canada. Novartis Pharmaceuticals Canada Inc. employs more than 600 people in Canada.

DON'T FORGET...

THE RESIDENTS' SOCIAL

Free admission for registered delegates!

All registered delegates are welcome to attend the 2014 Residents' Social. This is an opportunity for residents to network with staff in all three disciplines (neurosurgery, pediatric neurology, and adult neurology) and discuss research and career opportunities across the country.

Wednesday, June 4
7:30pm to 9:30pm
Alhambra Room

NPHSNC | BOOTH 36

The National Population Health Study of Neurological Conditions (NPHSNC) was a four-year study administered by the Public Health Agency of Canada (the Agency) and co-managed by Neurological Health Charities Canada (NHCC), a non-governmental organization representing 25 charities with a focus on neurology. Rather than a single study, the NPHSNC was an extensive research program comprised of three national surveys and 13 pan-Canadian research projects, including some studies that looked at the feasibility of ongoing surveillance of some neurological conditions and the development of a microsimulation model to predict future burden.

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EXHIBITORS & SPONSORS



ROXON MEDI-TECH LTD. | BOOTH 40

Founded in 1975, Roxon Medit-tech Ltd. is a 100% Canadian owned corporation dedicated to supplying the quality specialized equipment to medical facilities across Canada. Our focus is in Cardiac, Respiratory and Neurology equipment.

SCOTIABANK | BOOTH 22

SILVER SPONSOR

Scotiabank is a proud Canadian financial institution, providing customers with full-service banking, including tailored financing options, wealth management, and investment planning. Our dedicated advisors offer the Scotia Professional® Plan, a customized financial package designed to allow you to focus on patient care while building a successful practice. Members of the Canadian Neurological Sciences Federation qualify for preferred rates and discounts. To learn more, contact your advisor at your local branch.

SEAKA PRODUCTS INC | BOOTH 23

The gammaCore® is a novel, non-invasive vagus nerve stimulator (nVNS) delivered by a patient friendly, hand-held device to treat migraine & cluster headaches. It is generally accepted that more options for migraine and cluster headache treatment are needed. The gammaCore is a non-pharmacologic treatment option that can be used alone or in addition to other treatments. gammaCore is only available to the patient on the recommendation of a physician. Please visit our exhibit to learn more of our clinical results including peer reviewed articles and ongoing randomized clinical trials.

SUNOVION PHARMACEUTICALS | BOOTH 33

Sunovion Pharmaceuticals Canada Inc., a subsidiary of the U.S. based Sunovion Pharmaceuticals Inc. is headquartered in Mississauga, Ontario. Sunovion Pharmaceuticals Inc., an indirect, wholly-owned subsidiary of Daiippon Sumitomo Pharma Co., Ltd., is headquartered in Marlborough, Mass.

STRYKER | BOOTH 37

Stryker is one of the world's leading medical technology companies and is dedicated to helping healthcare professionals perform their jobs more efficiently while enhancing patient care. Stryker is a leader in creating surgical instruments that make surgery more efficient, reduce trauma and improve techniques. Through close collaboration with leading surgeons worldwide, Stryker Craniomaxillofacial has gained a well-earned reputation as a market leader for its innovative developments in Craniomaxillofacial and Neurosurgery. In order to maintain this spirit of innovation and leadership, we continuously focus our research and development of biomaterials, fixation systems and radio frequency.

TEVA CANADA INNOVATION | BOOTHS 6 & 7

BRONZE SPONSOR

Teva Canada Innovation is the Canadian innovative division of Teva Pharmaceutical Industries Limited, a family of companies with a global footprint, a 100+ year history and a shared obligation to improve patient health. Over the years, we have become a leader in the treatment of relapsing-remitting multiple sclerosis in the country and around the globe. We have expended our neurological expertise with the arrival of products used to treat Parkinson's disease and migraine and we are now developing our portfolio with oncology and women's health products. In our pursuit to improve the health of Canadians, we intend to continue to put the patient at the heart of everything we do, and to work hand in hand with them, their families and their physicians. Our mission is to innovate, assist and reassure ... one patient at a time!

UCB CANADA INC. | BOOTHS 10 & 16

PLATINUM SPONSOR

At UCB Canada Inc. we aspire to be the Patient-Centric global biopharmaceutical leader transforming the lives of people with severe diseases.

ZEISS CANADA | BOOTH 5

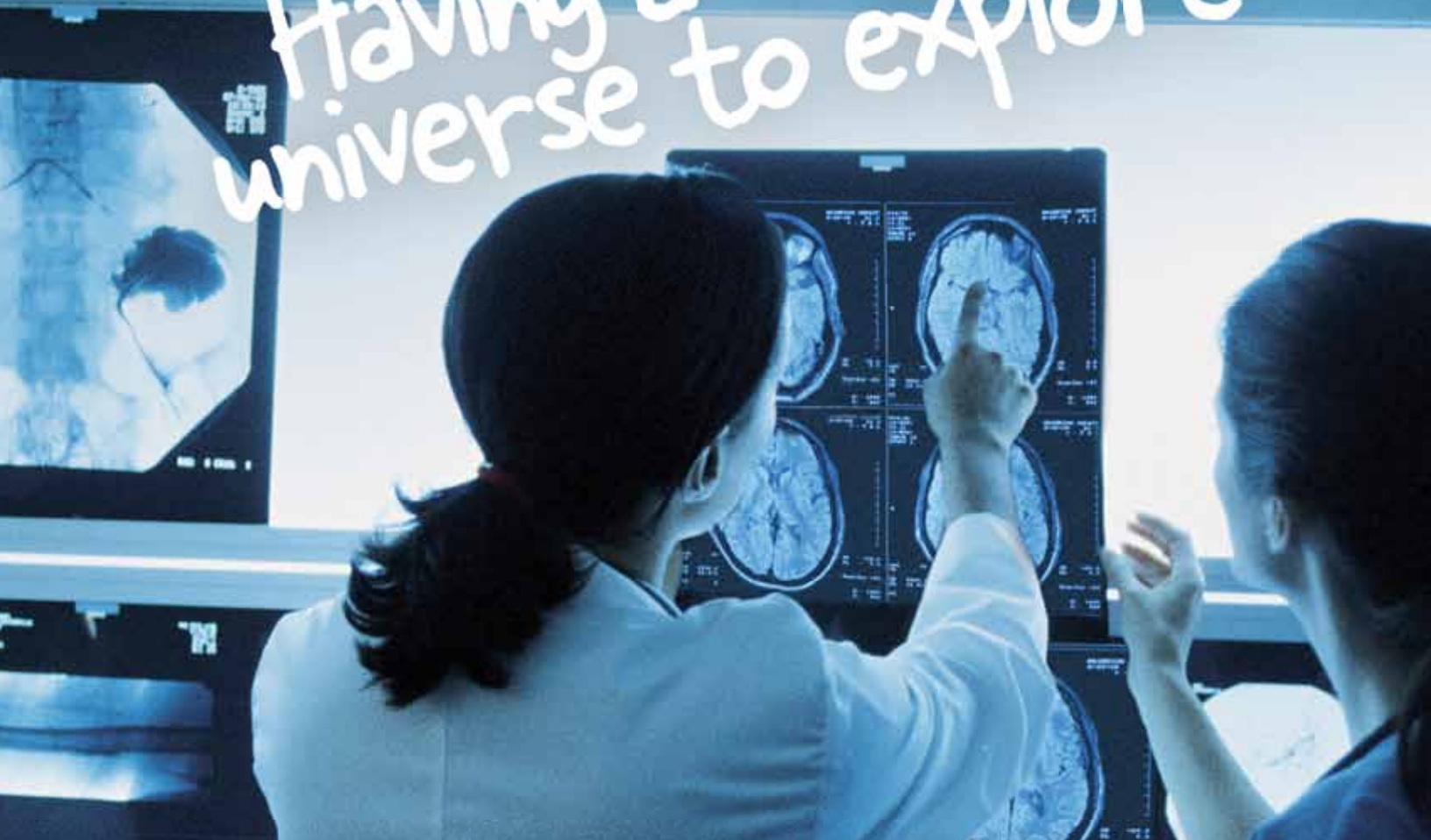
Zeiss Canada strives to advance the status of medicine by driving the development of leading-edge technology and making it available for routine applications. We are aware of the increasing cost pressure in health care and aspire to break new ground with our state-of-the-art innovations. Our extensive product portfolio allows simple, uninterrupted workflows which lead to more efficient treatments. Our neurosurgery portfolio includes a comprehensive line of surgical microscopes, visualization solutions and loupes that uncompromisingly enhance visualization in the field of neurosurgery.

ZIMMER | BOOTH 38

Founded in 1927 and headquartered in Warsaw, Indiana, Zimmer designs, develops, manufactures and markets orthopaedic reconstructive, spinal and trauma devices, dental implants, and related surgical products. Zimmer has operations in more than 25 countries around the world and sells products in more than 100 countries. Zimmer's 2013 sales were more than \$4.6 billion. The Company is supported by the efforts of more than 9,000 employees worldwide.

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