Embracing our past...leading our future.
WHO SHOULD ATTEND

The educational sessions will be directed towards pediatric neurological surgeons, residents, nurse clinicians and physician assistants, and will be directly applicable to their practices.

Continuing Medical Education Credit/Nursing Contact Hours

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of AANS and the AANS/ CNS Section on Pediatric Neurological Surgery. The AANS is accredited by the ACCME to provide continuing medical education for physicians.

The AANS designates this live activity for a maximum of 25.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For the Mid-Level Practitioner Seminar: This activity has been submitted to the American Association of Neuroscience Nurses (AANN) for approval to award contact hours. The AANN is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

For more information regarding contact hours, please call AANS at 888.566.2267.

Annual Meeting Learning Objectives

Upon completion of this CME activity, participants should be able to:

• Explain current controversies in pediatric neurosurgery
• Recognize opportunities for surgeons as leaders in hospitals and society
• Appreciate the spectrum of pediatric neurosurgical research currently conducted in North America
• Review management of pediatric neurosurgical conditions

DISCLOSURES

Before the program, everyone in control of the educational content of this activity will disclose the existence of any financial interest and/or the relationship they or their significant other have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation. Disclosures will be included in the final program.

The AANS/CNS Section on Pediatric Neurological Surgery invites you to meet us in Toronto for the 42nd Annual Meeting. The event will be held at the spectacular Westin Harbour Castle downtown on the waterfront.

The 2013 meeting theme is “Embracing Our Past…Leading Our Future.” Leading experts will address the latest advances in pediatric neurosurgery with special lectures on medical leadership, the neonatal brain and a practical course on epilepsy surgery. Breakfast Seminars will address early career advancement and how to succeed in research. An exciting mid-level course will include hands-on practical sessions. There is a special social evening at the legendary Hockey Hall of Fame, and for those who want to stay fit, an inaugural 5K Polar Bear Classic Run along the waterfront.

Toronto is North America’s fourth largest city, one of the world’s most ethnically diverse, and boasts 8,000 restaurants. Home to world-class theatre, symphony, opera, ballet and professional hockey and basketball, Toronto also hosts North America’s largest underground shopping center, all within easy reach of the hotel.

You don’t want to miss this year’s cutting-edge and action-packed program. Toronto is big, exciting and fun. Be there!

Bruce A. Kaufman, MD, FAANS
Section Chair

James M. Drake, MD, MSc, FAANS
Annual Meeting Co-Chair

James T. Rutka, MD, PhD, FAANS
Annual Meeting Co-Chair

Abhaya Kulkarni, MD, FAANS
Annual Meeting Co-Chair
# PROGRAM AT-A-GLANCE

## TUESDAY, DEC. 3

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45 a.m.–7 p.m.</td>
<td>Registration</td>
<td>Metropolitan Ballroom Foyer - Hotel, Conference Center</td>
</tr>
<tr>
<td>8 a.m.–4:30 p.m.</td>
<td>Mid-Level Practitioner Seminar</td>
<td>Harbour Ballroom - Hotel, Convention Level</td>
</tr>
<tr>
<td>8:30 a.m.–4:30 p.m.</td>
<td>Pediatric Epilepsy Surgery - Practical Clinic</td>
<td>Toronto Surgical Skills Centre - Mount Sinai Hospital</td>
</tr>
<tr>
<td>6–7:30 p.m.</td>
<td>Opening Reception</td>
<td>Pier 4 and 5 - Hotel, Convention Level</td>
</tr>
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## WEDNESDAY, DEC. 4

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>6:15 a.m.–5 p.m.</td>
<td>Registration</td>
<td>Metropolitan Ballroom Foyer</td>
</tr>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Breakfast Seminar</td>
<td>Queens Quay - Hotel, Conference Center</td>
</tr>
<tr>
<td>7:15–7:55 a.m.</td>
<td>Continental Breakfast in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre - Hotel, Conference Center</td>
</tr>
<tr>
<td>7 a.m.–5:30 p.m.</td>
<td>Exhibit Hall Open and e-Poster Viewing</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>7:55 a.m.–12 p.m.</td>
<td>Plenary and Scientific Sessions</td>
<td>Metropolitan Ballroom East - Hotel, Conference Center</td>
</tr>
<tr>
<td>10–10:30 a.m.</td>
<td>Beverage Break in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>12–1 p.m.</td>
<td>Lunch in the Exhibit Hall and Book Signing</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>1–4:30 p.m.</td>
<td>Scientific Sessions</td>
<td>Metropolitan Ballroom East</td>
</tr>
<tr>
<td>2:40–3:10 p.m.</td>
<td>Beverage Break in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>4:30–5:30 p.m.</td>
<td>Wine and Cheese Reception in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
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## THURSDAY, DEC. 5

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>6:15 a.m.–5 p.m.</td>
<td>Registration</td>
<td>Metropolitan Ballroom Foyer</td>
</tr>
<tr>
<td>6:30–7:30 a.m.</td>
<td>Inaugural 5K Polar Bear Classic Run</td>
<td>Harborside - Starting Location-Outside Westin</td>
</tr>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Breakfast Seminar</td>
<td>Queens Quay</td>
</tr>
<tr>
<td>7:15–8 a.m.</td>
<td>Continental Breakfast in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>7 a.m.–3 p.m.</td>
<td>Exhibit Hall Open and e-Poster Viewing</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>8 a.m.–12 p.m.</td>
<td>Plenary and Scientific Sessions</td>
<td>Metropolitan Ballroom East</td>
</tr>
<tr>
<td>9:45–10:15 a.m.</td>
<td>Beverage Break in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>12–1 p.m.</td>
<td>Lunch in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>1–4:30 p.m.</td>
<td>Scientific Sessions</td>
<td>Metropolitan Ballroom East</td>
</tr>
<tr>
<td>2:30–3 p.m.</td>
<td>Beverage Break in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>4:30–4:45 p.m.</td>
<td>Annual Business Meeting</td>
<td>Metropolitan Ballroom East</td>
</tr>
<tr>
<td>6–10 p.m.</td>
<td>Special Evening Event</td>
<td>Hockey Hall of Fame</td>
</tr>
</tbody>
</table>

## FRIDAY, DEC. 6

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:15–11 a.m.</td>
<td>Registration</td>
<td>Metropolitan Ballroom Foyer</td>
</tr>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Residents and Medical Students Meet the Leadership Breakfast</td>
<td>Pier 2 and 3 - Hotel, Convention Level</td>
</tr>
<tr>
<td>7:15–8 a.m.</td>
<td>Continental Breakfast in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>7–10:15 a.m.</td>
<td>Exhibit Hall Open and e-Poster Viewing</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
<tr>
<td>8–11:25 a.m.</td>
<td>Plenary and Scientific Sessions</td>
<td>Metropolitan Ballroom East</td>
</tr>
<tr>
<td>9:45–10:15 a.m.</td>
<td>Beverage Break in the Exhibit Hall</td>
<td>Metropolitan Ballroom West/Centre</td>
</tr>
</tbody>
</table>
FEATURED SPEAKERS

Raimondi Lecture
Medical Leadership: Ten Things I’ve Learned

Bryce Taylor, MD, is a professor of surgery at the University of Toronto and the medical director of the University Health Network’s International Patients Program. Dr. Taylor has led an accomplished career, having held numerous leadership positions. Among his many roles, for 11 years, he served as James Wallace McCutcheon Chair, surgeon-in-chief and director of surgical services of the University Health Network, comprising the Toronto General Hospital, Toronto Western Hospital and Princess Margaret Hospital. He also has served president of the Canadian Association of General Surgeons, and has been the recipient of multiple teaching awards. His clinical interests include hepatobiliary and pancreatic surgery, transplantation and endoscopy. He was a member of the team that initiated the University of Toronto Liver Transplantation Program, and remains active in the training of residents and fellows at all levels in general surgery. Author of the book, “Effective Medical Leadership,” Dr. Taylor also has published more than 110 papers in peer-reviewed journals. He continues to consult on such issues as information technology in surgery and operational aspects of surgical care.

A book signing by Dr. Taylor will be available in the Exhibit Hall immediately following his presentation.

SONS/AAP Lecture
Neonatal Neuro-intensive Care: Protecting the Developing Brain

Steven Miller, MDCM, FRCPC, is head of the division of neurology and staff neonatologist at the Hospital for Sick Children, Toronto, where he also is senior scientist in neurosciences and mental health at its Research Institute. Professor in the department of paediatrics at the University of Toronto, Dr. Miller is the Holland Bloorview Kids Rehabilitation Hospital Foundation Chair in Paediatric Neuroscience. Collaborating with a multidisciplinary team, his research program focuses on better understanding brain injury and development in the newborn. He and his team use advanced brain imaging and detailed long-term follow-up to help children who were born early or with conditions that put them at risk of neurological and developmental deficits. Dr. Miller has contributed to our understanding of brain abnormalities caused directly by premature birth, perinatal asphyxia or indirectly by congenital heart disease.

PRE-MEETING ACTIVITY
Mid-Level Practitioner Seminar
Tuesday, Dec. 3
8 a.m.–4:30 p.m.
No charge with full meeting registration

We are excited to provide an informative Mid-Level Practitioner’s Seminar that will enhance the technical skills and knowledge of the pediatric neurosurgery mid-level practitioner. This pre-meeting seminar will include presentations from a number of invited speakers addressing ethical dilemmas and a variety of management strategies for concussions, Chiari malformation, fluid balance and pediatric spine injuries. New this year, four small-group breakout sessions address suturing, shunt programmers, tapping of shunt, and pump interrogation and programming. Lunch is provided.

Learning Objectives
Upon completion of this activity, participants should be able to:
1. Address the challenges of assessment and interdisciplinary approach to management of pediatric neurosurgical patients in a pediatric acute-care setting.
2. Apply a variety of technical skills, such as monitoring and programming various shunts and pumps.
3. Explain supplementary professional skills to enhance clinical standing and quality patient care.

Annual Meeting App!
The entire program will be accessible via our new annual meeting app – easily downloadable, user-friendly means of accessing your agenda, speaker information, e-Posters, oral abstracts and the exhibitor list. Due to the creation of the annual meeting app, there will not be a printed final program. The final program will be available only in a downloadable PDF format from the Pediatric Section website.
BREAKFAST SEMINARS

Cost: There is an additional fee for this activity.
Member/Non-member Physician – $50
Resident/Medical Student – $20
See page 15 for complete registration fee information

Wednesday, Dec. 4
6:45–7:45 a.m.
Developing a Research Career in Pediatric Neurological Surgery
Participants will hear advice from experienced clinical and basic science researchers on what it takes to succeed as a neurosurgeon-scientist. This will include a discussion about appropriate preparation during residency for a research career, opportunities and challenges during early faculty years, and avenues of advancement later in career.
Moderator:
Catherine A. Mazzola, MD, FAANS
Panelists:
John R. W. Kestle, MD, FAANS
Peter B. Dirks, MD

Thursday, Dec. 5
6:45–7:45 a.m.
Planning Your Career After Your Fellowship in Pediatric Neurological Surgery
Participants will hear advice and “lessons learned” on developing a successful career in pediatric neurosurgery. The perspective of both a young pediatric neurosurgeon and an experienced division chair will be provided on all aspects of what to do – and what to avoid – in building a career.
Moderator:
Catherine A. Mazzola, MD, FAANS
Panelists:
Lissa C. Baird, MD
W. Jerry Oakes, MD, FAANS

PRACTICAL CLINIC

Cost: There is an additional fee for this activity. Register by Nov. 5 and receive the early registration discount.
Member/Non-member physician – $1,500
Residents – $1,275
See page 15 for complete registration fee information

Tuesday, Dec. 3
8:30 a.m.–4:30 p.m.
Pediatric Epilepsy Surgery
Participants will absorb a full day of lectures interspersed with hands-on cadaver dissections. Learn to describe the current strategies for the selection of pediatric epilepsy patients, demonstrate the various surgical techniques for respective epilepsy surgeries, and outline those surgical results, their possible complications and complication prevention. The course will take place at the University of Toronto Surgical Skills Centre, located at Mount Sinai Hospital. Transportation and lunch are provided.

Learning Objectives
Upon completion of this activity, participants should be able to:
1. Describe the current strategies for selection of pediatric epilepsy patients, their diagnostic work-up, and techniques and analysis of invasive monitoring.
2. Demonstrate the various surgical techniques for respective epilepsy surgery, including grid implantation, temporal lobectomy, frontal and occipital lobectomy, cortical resection, hemispherotomy and corpus callosumotomy, as well as vagal nerve stimulator implantation.
3. Outline the results of pediatric epilepsy surgery, its complications and complication prevention, and discuss future directions and strategies for surgical management of pediatric epilepsy.

Course Directors:
James T. Rutka, MD, PhD, FAANS
James M. Drake, MD, MSc, FAANS

Faculty:
Sanjiv Bhatia, MD, FAANS
Mony Beriela, MD
Jeffrey P. Blount, MD, FAANS
Walter J. Hader, MD, FAANS
Clement Hamani, MD
Mojgan Hodaie, MD, FAANS
John R. W. Kestle, MD, FAANS
Ashutosh Singhal, MD
Carter Snead, MD

Attendees will receive a maximum of 7.5 AMA PRA Category 1 Credits™ for this practical clinic.
SOCIAL EVENTS

OPENING RECEPTION
Tuesday, Dec. 3
6–7:30 p.m.
Westin Harbour Castle
Enjoy an evening with friends and colleagues over a wonderful assortment of hors d’oeuvres and an open bar. All registered attendees and registered guests/spouses receive one complimentary ticket to this event. Business casual attire is suggested.

WINE AND CHEESE RECEPTION IN THE EXHIBIT HALL
Wednesday, Dec. 4
4:30–5:30 p.m.
This is a perfect opportunity to meet and talk informally with key exhibitors and colleagues while enjoying some food and beverage at the end of the first day of this annual event. All registered attendees and guests/spouses receive one complimentary ticket to this event.

SPECIAL EVENING EVENT HOCKEY HALL OF FAME
Thursday, Dec. 5
6–10 p.m.
Cost: $100 per person
Attendees will spend the evening enjoying food and beverage at this legendary venue. Browse the many displays, see The Esso Great Hall, home of the Stanley Cup, as well as participate in the Shoot Out and Shut Out interactive games. This is sure to be a fun evening for all. Transportation will be provided.

INAUGURAL 5K POLAR BEAR CLASSIC RUN
Calling all runners! This “fun” run will be held on Thursday morning, beginning at 6:30 a.m. Runners will follow a path along the harbor outside the hotel. Further details will be available at the registration desk.
There is no fee to participate. For planning purposes, please indicate your participation when registering.
Vendors and their exhibits afford meeting participants an excellent opportunity to view highly specialized equipment and observe first-hand demonstrations of the latest technology available in pediatric neurosurgery.

**EXHIBIT HOURS**

**Wednesday, Dec. 4**
7 a.m.–5:30 p.m.

**Thursday, Dec. 5**
7 a.m.–3:00 p.m.

**Friday, Dec. 6**
7–10:15 a.m.

**EXHIBIT PLANNER**

Plan your trip to the exhibit hall in advance. The annual meeting app includes the floor plan, location of exhibitor, company description and product categories. To view the floor plan, please visit [www.aans.org/floorplans/pd13/default.html](http://www.aans.org/floorplans/pd13/default.html).

**WINE AND CHEESE RECEPTION IN THE EXHIBIT HALL**

Attendees are invited to join exhibitors for a Wine and Cheese Reception in the exhibit hall on Wednesday, Dec. 4, at 4:30 p.m. This reception provides the perfect opportunity for you to mingle with colleagues in a relaxed environment, while browsing the latest advances in products and innovations from our top industry vendors.

**CONTINENTAL BREAKFAST IN THE EXHIBIT HALL**

Breakfast is the most important meal of the day. Join us for a continental breakfast in the exhibit hall Wednesday through Friday.

**Wednesday, Dec. 4, through Friday, Dec. 6**
7:15–8 a.m.

**BEVERAGE BREAKS IN THE EXHIBIT HALL**

Complimentary beverages offered throughout the exhibit hall during break times.

**Wednesday, Dec. 4**
10–10:30 a.m.
2:40–3:10 p.m.

**Thursday, Dec. 5**
9:45–10:15 a.m.
2:30–3 p.m.

**Friday, Dec. 6**
9:45–10:15 a.m.

**LUNCH IN THE EXHIBIT HALL**

Enjoy a complimentary lunch on Wednesday and Thursday while networking with colleagues and vendors.

**Wednesday, Dec. 4, and Thursday, Dec. 5**
12–1 p.m.

**E-POSTERS**

E-Posters will be available electronically for viewing by all attendees. Attendees can view the most cutting-edge research performed and documented by leaders in pediatric neurosurgery. Viewing stations will be available in the exhibit hall and through the annual meeting app on your wireless device.

**2013 LIST OF EXHIBITORS** [As of 8/29/13]

Aesculap Inc.
Biomet Microfixation
Brainlab
Codman, a Johnson & Johnson Company
Hydrocephalus Association
IMRIS
Integra LifeSciences
Karl Storz Endoscopy-America, Inc.
KLS - Martin, LP
Le Bonheur Children’s Medical Center
Leica Microsystems
Medtronic
Mizuho America, Inc.
NICO Corp.
Piezosurgery Incorporated
Pro Med Instruments, Inc.
RosmanSearch, Inc.
Sophysa USA Inc.
MID-LEVEL PRACTITIONER SEMINAR AGENDA

TUESDAY, DEC. 3

6:45 a.m.
Registration Opens

8–8:15 a.m.
Welcome and Introductions
Abhaya V. Kulkarni, MD, FAANS

8:15–8:45 a.m.
Ethical Dilemmas for Mid-Level Practitioners
Patrick J. McDonald, MD, MHSc

8:45–9:15 a.m.
How to Choose a Shunt Valve
Jay K. Riva-Cambrin, MD, FAANS

9:15–9:45 a.m.
Chiari: Diagnosis and Management
Kurtis I. Auguste, MD, FAANS

9:45–10 a.m.
Beverage Break

10–10:30 a.m.
Epilepsy Surgery
Mandeep S. Tamber, MD, PhD, FAANS

10:30–11 a.m.
Sodium and Fluid in the Neurosurgical Patient
Anne-Marie Guerguerian, MD

11–11:30 a.m.
Deep Brain Stimulation
Scellig S. Stone, MD, PhD

11:30 a.m.–12 p.m.
Mild Head Injury/Concussion: Return to School/Return to Play
Katia Sinopoli, PhD

12–1 p.m.
Lunch

1–1:25 p.m.
Concurrent Breakouts
• Tapping of Shunt
  Donna Wallace, NP
• Use of Shunt Programmers
  Cathy Cartwright, NP
• Baclofen Pump Interrogation/Programming
  Megan Perron, RN, BScN
• Suturing/Knot-tying
  George M. Ibrahim, MD

1:30–1:55 p.m.
Concurrent Breakouts repeated

2–2:30 p.m.
Minimally Invasive Endoscopic Strip Craniectomy: Long-term Follow-up with Patients and Families
Cathy Cartwright, NP

2:30–2:45 p.m.
Beverage Break

2:45–3:15 p.m.
Imaging and Clearance of Cervical Spine Trauma
Helen Branson, MD

3:15–3:45 p.m.
Spinal Orthotics in Children
Andrew H. Jea, MD, FAANS

3:45–4:15 p.m.
Journey to Guideline Development for Halo Pin Site Care
Kaitlin Flynn, RN, BSc (Hons), BScN

4:15–4:30 p.m.
Closing Remarks and Evaluations
ANNUAL MEETING PROGRAM

TUESDAY, DEC. 3
6:45 a.m.–7 p.m.
Registration
8 a.m.–4:30 p.m.
Mid-Level Practitioner Seminar

8:30 a.m.–4:30 p.m.
Practical Clinic: Pediatric Epilepsy Surgery

Course Directors:
James T. Rutka, MD, PhD, FAANS
James M. Drake, MD, MSc, FAANS

Faculty:
Sanjiv Bhatia, MD, FAANS
Mony Benifla, MD
Jeffrey P. Blount, MD, FAANS
Walter J. Hader, MD, FAANS
Clement Hamani, MD
Moigan Hodaie, MD, FAANS
John R.W. Kestle, MD, FAANS
Ashutosh Singhal, MD
Carter Snead, MD

Transportation and lunch provided.

See page 5 for course description.

Cost: Additional registration fee. See page 15 for complete registration information.

6–7:30 p.m.
Opening Reception
Westin Harbour Castle
This activity is included in the registration fee for attendees and guests/spouses.

WEDNESDAY, DEC. 4
6:15 a.m.–5 p.m.
Registration

6:45–7:45 a.m.
Breakfast Seminar: Developing a Research Career in Pediatric Neurological Surgery

Moderator:
Catherine A. Mazzola, MD, FAANS

Panelists:
John R. W. Kestle, MD, FAANS
Peter B. Dirks, MD

See page 5 for seminar description.

Cost: Additional registration fee. See page 15 for complete registration information.

7:15–7:55 a.m.
Continental Breakfast in the Exhibit Hall
(Included in registration fee)

7:55–8 a.m.
Welcome and Opening Remarks
Bruce A. Kaufman, MD, FAANS
Pediatric Section Chairman

8–9 a.m.
Scientific Session I: Neoplasm I

Moderators:
Samuel H. Cheshier, MD, PhD
Nalin Gupta, MD, PhD, FAANS

See page 5 for seminar description.

Cost: Additional registration fee. See page 15 for complete registration information.

8:30 a.m.–4:30 p.m.
Practical Clinic: Pediatric Epilepsy Surgery

Moderator:
Catherine A. Mazzola, MD, FAANS

Panelists:
John R. W. Kestle, MD, FAANS
Peter B. Dirks, MD

See page 5 for seminar description.

Cost: Additional registration fee. See page 15 for complete registration information.

6–7:30 p.m.
Beverage Break in the Exhibit Hall

10–10:30 a.m.
Scientific Session II: Quality, Outcomes, Complications

Moderators:
Mark D. Krieger, MD, FAANS
Jay K. Riva-Cambrin, MD, FAANS
11:10 a.m.–12 p.m.
Raimondi Lecture

Bryce Taylor, MD
Medical Leadership: Ten Things I’ve Learned

12–1 p.m.
Lunch and Book Signing in the Exhibit Hall

1–2:40 p.m.
Scientific Session III: Hydrocephalus I

Moderators:
John C. Wellons III, MD, FAANS
William E. Whitehead, MD, MPH, FAANS

2:40–3:10 p.m.
Beverage Break in the Exhibit Hall

3:10–4:30 p.m.
Scientific Session IV: Spine and Trauma

Moderators:
Richard C.E. Anderson, MD, FAANS
Andrew H. Jea, MD, FAANS

4:30–5:30 p.m.
Wine and Cheese Reception in the Exhibit Hall
This activity is included in the registration fee for attendees and guests/spouses.

THURSDAY, DEC. 5

6:15 a.m.–5 p.m.
Registration

6:30–7:30 a.m.
Inaugural 5K Polar Bear Classic Run

See page 6 for more information.

Cost: No fee to participate
For planning purposes, please indicate your participation when registering.

6:45–7:45 a.m.
Breakfast Seminar: Planning Your Career After Your Fellowship in Pediatric Neurological Surgery

Moderator:
Catherine A. Mazzola, MD, FAANS

Panelists:
Lissa C. Baird, MD
W. Jerry Oakes, MD, FAANS

See page 5 for seminar description.

Cost: Additional registration fee. See page 15 for complete registration information.

7:15–8 a.m.
Continental Breakfast in the Exhibit Hall

8–9:45 a.m.
Scientific Session V: Epilepsy

Moderators:
Howard L. Weiner, MD, FAANS

9:45–10:15 a.m.
Beverage Break in the Exhibit Hall

10:15–11:15 a.m.
Scientific Session VI: Functional/Spasticity

Moderators:
Daniel J. Curry, MD, FAANS
Elizabeth C. Tyler-Kabara, MD, PhD, FAANS

11:15 a.m.–12 p.m.
SONS/AAP Special Lecture

Steven Miller, MDCM, FRCPA
Neonatal Neuro-intensive Care: Protecting the Developing Brain

12–1 p.m.
Lunch in the Exhibit Hall

1–2:30 p.m.
Scientific Session VII: Hydrocephalus II

Moderators:
Samuel R. Broud, MD, PhD, FAANS
David D. Limbrick Jr., MD, PhD, FAANS
FRIDAY, DEC. 6

6:15–11 a.m.
Registration

6:45–7:45 a.m.
Resident/Medical Students:
Meet the Leadership Breakfast

7:15–8 a.m.
Continental Breakfast in the Exhibit Hall

8–8:05 a.m.
Announcements

8:05–8:10 a.m.
2014 Amelia Island Meeting Preview
Philipp R. Aldana, MD, FAANS

8:10–9 a.m.
Scientific Session IX: Vascular/Craniofacial
Moderators:
Cormac O. Maher, MD, FAANS
Edward R. Smith, MD, FAANS

9–9:45 a.m.
Clinical Symposia – New Advances in Cerebrovascular Disease
Moderator:
Peter B. Dirks, MD

Panelists:
Timo Krings, MD
R. Michael Scott, MD, FAANS

9:45–10:15 a.m.
Beverage Break in the Exhibit Hall

10:15–10:20 a.m.
Hydrocephalus and Shulman Award Recipients Announced

10:20–11:20 a.m.
Scientific Session X: Congenital/Other
Moderators:
Philipp R. Aldana, MD, FAANS
Kurtis I. Auguste, MD, FAANS

11:20–11:25 a.m.
Closing Remarks

2:30–3 p.m.
Beverage Break in the Exhibit Hall

3–4:30 p.m.
Scientific Session VIII: Neoplasm II

Moderators:
Jeffrey A. Greenberg, MD, FAANS
David I. Sandberg, MD, FAANS

4:30–4:35 p.m.
Annual Business Meeting

6–10 p.m.
Evening at the Hockey Hall of Fame

Cost: $100 per person (transportation provided).
See page 6 for more information.
TRAVELING TO CANADA
Just a reminder for those attendees living outside of Canada, be sure you have a valid passport. For any questions you may have relative to traveling to Canada, please visit www.canada.travel/. The exchange rate of U.S. dollars to Canadian dollars is almost even. You may want to convert U.S. dollars to Canadian dollars prior to your trip.

HOW TO REGISTER
Visit www.pedsneurosurgery.org. Click on the link to register for the meeting and make hotel reservations. If you prefer, you can complete and return the registration and housing forms provided in this preliminary program. Save $100 by registering by Nov. 5, 2013. If you have any questions about registration, call 708.450.5880 or email aansped@compusystems.com.

TRANSPORTATION
Options from Toronto Pearson International Airport
Taxi: approximately $65 CAD (one way) and a 30-minute ride
Airport Express shuttle departs from the airport every 20-30 minutes. The Shuttle will drop you off directly in front of the hotel. Tickets can be purchased from the driver or at the ticket window located inside every terminal. For the return trip to the airport, stop by the concierge desk in the hotel to purchase tickets. For more information, please visit www.torontoairportexpress.com/reservation/portal.aspx? A one-ride ticket is $27.95 CAD.

DRIVING OPTIONS
Visit the Westin Harbour Castle website to obtain maps and directions specific to your location.

AIRLINE INFORMATION
The AANS/CNS Section on Pediatric Neurological Surgery is pleased to announce that American Airlines has been designated as the official airline of this year’s annual meeting.

To receive a 5 percent discount, visit the American Airlines website at AA.com and use promotion code:23D3AY or call:
American Airlines
800.433.1790
8 a.m.–10 p.m. Eastern Time, seven days a week

HOTEL RESERVATIONS
The AANS/CNS Section on Pediatric Neurological Surgery has negotiated special rates with the Westin Harbour Castle for 2013 Annual Meeting attendees. The hotel reservation deadline is Monday, Nov. 11, 2013. Be sure to make your reservation before the cut-off date to receive the $196 CAD (plus tax) group rate. Due to strict security, the Westin Harbour Castle will only accept credit card reservations by phone or with online reservations. They will only accept mail-in reservation forms with a check payment. Please refer to the enclosed housing form for additional information and instructions.

AMERICANS WITH DISABILITIES ACT
The AANS/CNS Section on Pediatric Neurological Surgery wishes to take those steps to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently than other individuals because of the absence of auxiliary aids and services. If you require any of the auxiliary aids or services identified in the Americans with Disabilities Act in order to attend any program, please contact the Meeting Services Department at aansam@aans.org, or call 888.566.2267, ext. 529.

ANNUAL MEETING APP
Attendees will need a mobile device to download and use this user-friendly application. Attendees bringing laptops will be able to download the annual meeting app and/or the PDF of the final program from the AANS/CNS Section on Pediatric Neurological Surgery website. No printed program will be available onsite.
DESTINATION INFORMATION

A LITTLE ABOUT TORONTO

Home to the CN Tower, the world's highest free-standing structure and the legendary Hockey Hall of Fame, Toronto is Canada's largest city, and the fourth largest in North America. The city sets itself apart with its world-class cuisine, art, history and sports teams. The name “Toronto” comes from a Huron word meaning “meeting place,” which describes this multicultural destination that is home to more than 4.5 million people of more than 70 nationalities, speaking some 100 languages.

DINING AND ENTERTAINMENT

In addition to the restaurant options at the Westin Harbour Castle, Toronto offers hundreds of restaurant choices – some within walking distance and others just a short cab ride from the hotel. View restaurant options in Toronto.

The city's entertainment district is home to numerous museums, art galleries, theaters, dance companies, festivals and parades. This is a perfect opportunity to explore the various attractions of this beautiful and diverse city. If you plan to come early or stay late you don’t want to miss out on exploring this destination! Explore local tours and attractions.

LOCAL AREA MAP

View local area map online.
REGISTRATION FORM

42nd Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery
Dec. 3-6, 2013
Westin Harbour Castle | Toronto, ON, Canada

To register online, visit www.pedsneurosurgery.org.
Please PRINT or TYPE:

Last Name
First Name

Organization

Address

City
State
Zip Code
Country

Business Phone
Home Phone

Fax Number
Email Address

NPI Number

METHOD OF PAYMENT

Check #__________________

☑ MasterCard ☐ Visa ☐ American Express

Credit Card Number
Expiration

Print name as it appears on credit card

Signature (I agree to pay above total amount according to card issuer agreement.)

Date

If you are paying by credit card, please fax this form to 708.344.4444.
Note: A charge to your credit card statement will appear as “AANS and related organization.”

If paying by check, please make checks payable in U.S. dollars, drawn on a U.S. bank and mail to:
AANS/CNS Section on Pediatric Neurological Surgery
c/o CompuSystems
P.O. Box 6271
Broadview, IL 60155-6271

Please note: Only the U.S. Postal Service will deliver overnight. DO NOT send this form or payment via Federal Express, UPS or Airborne; they will not deliver to a P.O. Box.

If you have questions, please contact the AANS/CNS Section on Pediatric Neurological Surgery Registration Department at 708.450.5880 or email aansped@compusystems.com.

INCLUDED IN REGISTRATION:
Meeting attendee registration includes ONE ticket to each of the following:
• Opening Reception on Tuesday
• Lunch in the Exhibit Hall on Wednesday and Thursday
• Wine and Cheese Reception in the Exhibit Hall on Wednesday
• Continental Breakfast in the Exhibit Hall on Wednesday, Thursday and Friday
• Beverage Breaks in the Exhibit Hall on Wednesday, Thursday and Friday

Spouse/Guest registration includes ONE ticket to each of the following:
• Opening Reception in the Exhibit Hall on Tuesday
• Wine and Cheese Reception in the Exhibit Hall on Wednesday
• Continental Breakfast in the Exhibit Hall on Wednesday, Thursday and Friday
REGISTRATION FEES

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<tr>
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*908 Please send a letter from your training program director to AANS/CNS Section on Pediatric Neurological Surgery Registration Department c/o CompuSystems. Fax 708.344.4444 Email: aansped@compusystems.com

*971 Please send a copy of your medical student ID to AANS/CNS Section on Pediatric Neurological Surgery Registration Department c/o CompuSystems. Fax 708.344.4444 Email: aansped@compusystems.com

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MID-LEVEL PRACTITIONER SEMINAR

Please select one option below if you plan to attend.

- No charge with full registration
- Attending Mid-Level Seminar only
- Registering for Mid-Level Seminar only

PRACTICAL CLINIC

Pediatric Epilepsy Surgery
Tuesday, Dec. 3
8:30 a.m.–4:30 p.m.

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BREAKFAST SEMINARS

Developing a Research Career in Pediatric Neurological Surgery
Wednesday, Dec. 4
6:45–7:45 a.m.

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Planning Your Career After Your Fellowship in Pediatric Neurological Surgery
Thursday, Dec. 5
6:45–7:45 a.m.

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SPECIAL EVENTS

Opening Reception
(One ticket is included in the registration fee; additional tickets can be purchased.)
Quantity: _______ @$75 each

Wine and Cheese Reception
(One ticket is included in the registration fee; additional tickets can be purchased.)
Quantity: _______ @$50 each

Special Evening Event at the Hockey Hall of Fame
(Requires purchase of ticket)
Quantity: _______ @$100 for attendees
Quantity: _______ @$100 for guest/spouse

Inaugural 5K Polar Bear Classic Run
Calling all runners! This “fun” run will be held on Thursday morning beginning at 6:30 a.m. Runners will follow a path along the harbor outside the hotel. Please check below your interest in participating in this event. Spouses and guests are welcomed to join.

There is no fee to participate.
- Yes
- No

Number of runners

Cancellation Policy
Requests for registration cancellation must be submitted in writing to:
AANS/CNS Section on Pediatric Neurological Surgery c/o CompuSystems
P.O. Box 6271
Broadview, IL 60155-6271
Fax: 708.344.4444
Email: aansped@compusystems.com

All refunds will be processed and mailed following the Annual Meeting. Refunds will be made in accordance with the following schedule.
Cancellations received on or before Tuesday, Nov. 5, 2013, will receive a full refund less a $50 service fee.
Cancellations received between Wednesday, Nov. 6, 2013, and Monday, Nov. 18, 2013, will receive a full refund less a $100 service fee.
No refunds will be granted if received on or after Tuesday, Nov. 19, 2013.

Spouse/Guest Name (Please print name as it should appear on badge.)

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42nd Annual Meeting of the AANS/CNS Section on Pediatric Neurological Surgery
Dec. 3-6, 2013
Westin Harbour Castle | Toronto, ON, Canada

HOUSING DEADLINE:
MONDAY, NOV. 11, 2013

Special room rates are available for reservations made on or before Monday, Nov. 11, 2013.

Please note: Hotel rates are in Canadian dollars.

TO MAKE A HOTEL RESERVATION ONLINE
To make a reservation, please visit www.starwoodmeeting.com/Book/PNK30A

Phone: 888.627.8559 or 416.869.1600
Reference the group name or group code PNK 30A.

Mail: Complete and send housing form to:
Westin Harbour Castle
1 Harbour Square
Toronto, ON, M5J 1A6 Canada

CANCELLATION POLICY
Cancellations must be received by 4 p.m. on the day of arrival. Any reservation that has not been cancelled, or for individuals who do not arrive, will automatically be billed for one night’s room and tax or forfeit the room deposit received.

ACCOMMODATIONS
The group rate for a single or double room is $196 CAD plus tax. Hotel room rates are subject to applicable taxes in effect at the time of check-in. Local taxes are currently 13 percent (subject to change).

Check-in time 3 p.m.
Check-out time is 12 p.m.

METHOD OF GUARANTEE
Due to strict security, the Westin Harbour Castle will only accept credit card reservations by phone or with online reservations. They will only accept mail in reservation forms with a check payment.

HOUSING CONFIRMATIONS WILL BE SENT WITHIN 48 HOURS.

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SHARED ROOM (list all occupants)

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ROOM TYPE REQUESTED
(based on availability at check-in)

- Single  - Double

Special Needs

Reservation Changes: Please contact the Westin Harbour Castle directly at 888.627.8559. For further information, visit www.starwoodmeeting.com.
ANNUAL MEETING
of the AANS | CNS Section on Pediatric Neurological Surgery

LOOK FORWARD TO SEEING YOU IN DECEMBER IN TORONTO!