FROM THE CHAIRMAN’S OFFICE

Dr. Charles Tator and Dr. Albert Aguayo (Neurology, McGill University) were co-awarded the Wings for Life 2016 Lifetime Achievement Award for Spinal Cord Injury at the Wings for Life Scientific Meeting in Salzburg, Austria. Dr. Tator, our past Division Chair (1989-1999) has received numerous prestigious awards and distinctions throughout his career, including election to the Order of Canada and the Canadian Medical Hall of Fame. Congratulations on this well-deserved achievement.

Dr. Charles Tator (4th from right) and Dr. Aguayo (2nd from right) at the Wings of Life 2016 Lifetime Achievement Award presentation in Salzburg, Austria.
On April 15th, Toronto Western Hospital hosted the 2nd Annual Alan and Susan Hudson Lectureship. We were pleased to welcome Dr. Patrick J. Gullane, Wharton Chair in Head and Neck Surgery and Professor, Department of Otolaryngology-Head and Neck Surgery, University of Toronto, as this year’s speaker. Dr. Gullane’s lecture, “Skull Base Surgery – Thirty Years of Evolution and Revolutions,” provided a highly engaging and informative overview of key developments in the field, including the major contributions of University of Toronto Faculty. We thank Dr. Hudson (past Chairman of Neurosurgery, University of Toronto and past CEO, University Health Network) and Mrs. Hudson for enabling the establishment of this lecture, and current Hudson Chair in Neurooncology Dr. Fred Gentili and Ms. Sandi Amaral for organizing a successful second iteration of this event.

Dr. Rokuya Tanikawa, Department of Neurosurgery, Asahikawa Medical Center and Director of the Teishinkai Hospital Stroke Center was this spring’s Visiting Professor for the 52nd Lougheed Microsurgical Course, held at the Mount Sinai Surgical Skills Centre from April 25-29, 2016. We thank Course Co-Directors Dr. Michael Tymianski (Head, Division of Neurosurgery, Toronto Western Hospital) and Dr. Ivan Radovanovic for their continuing leadership of this important educational event for residents nation-wide. This Course was made possible thanks to the financial support of Charles River; Codman; Covidien-Medtronic, Sofamor Danek; Depuy Synthes; Fisher Scientific; Integra; Leica; Penumbra; Synaptive Medical; Storz; Stryker; and VWR. We also thank Ms. Sandra Vetiska for organizing this spring’s course and Ms. Sandi Amaral for organizing registration and providing logistical support.
Dr. Tanikawa also served as the Visiting Lecturer for the 2016 City-Wide Rounds hosted by Toronto Western Hospital held on April 29th. His excellent lecture entitled “Surgical Embolectomy for Acute Stroke” was well-received by residents, fellows and faculty in attendance at the Mount Sinai Hospital Surgical Skills Centre.
The Acoustic Neuroma Association of Canada’s 2016 Symposium on “The World of Acoustic Neuroma” will be held on Sat., June 4, 2016 at the BMO Education & Conference Centre at Toronto Western Hospital. Early bird registration ends on May 20th (registration form attached). For more information please contact Gelareh Zadeh: gelareh.zadeh@uhn.ca.

HONORS, GRANTS AND AWARDS

Mohammed F. Shamji was awarded a 2-year AO Spine NA Young Investigator Research Grant Award for his basic science research into the mechanisms of spinal neuropathic pain.

Mohammed F. Shamji was appointed as director of the scientific program committee of the Lumbar Spine Research Society for 2016-2018.

Taufik Valiante was awarded as Co-PI a 3-year, $232,200 CIHR/NSERC Collaborative Health Research Projects grant for the project entitled “Patient-Specific Adaptive Closed-Loop Neurostimulation for Optimum Treatment of Intractable Epilepsy.”

Gelareh Zadeh received as Co-PI a 1-year, $100,000 CIHR High Fatality Grant for the project entitled “Discovery of molecular targets for treatment of clinically malignant meningioma”.

Charles Tator was co-recipient of the 2016 Wings of Life Lifetime Achievement Award for Spinal Cord Injury.

Al Martin (PGY4, PhD Supervisor: Michael Fehlings) was awarded a CIHR Fellowship Award for the project entitled "Next-generation spinal cord MRI: clinical translation of advanced techniques to improve management of traumatic and non-traumatic spinal cord injury patients".

Newtown Cho (PGY3, who will pursue his PhD with Professor Grégoire Courtine, Ecoles Polytechniques Fédérales de Lausanne i) was awarded a CIHR Fellowship Award. Newton’s project will address the circuit-level mechanisms through which supraspinal centers use formed connections with spinal circuits below the level of injury to mediate locomotion.
Lilyana Angelov MD, FRCSC

Lilyana Angelov earned an honours B.Sc. at the University of Toronto in 1987 and graduated from medical school at U of T in 1992. Following a Comprehensive Medical Internship, Lily trained in neurosurgery at U of T from 1993 - 2001, and completed a general neurosurgery/ trauma fellowship at St. Michael’s Hospital in Toronto in 2001 - 2002, followed by a neuro-oncology and gamma knife fellowship at the Cleveland Clinic in 2002 - 2003. She is double board certified in Neurosurgery in both Canada and the United States.

During her undergraduate, medical school and postgraduate medical education, Lily was awarded a number of scholarships and prizes, including the NCI Canada Post-MD Research Fellowship (1997 - 2000), the AANS Research Fellowship (1997 - 1999), the Thomas P. Morley Prize (1999) and the McKenzie Award for Basic Neuroscience Research from the CCNS (1999). In 2008 Lily won the Robert Ginsberg Surgical Oncology Award, presented by the Radiation Therapy Oncology Group (RTOG).

Lily joined the staff in Neurosurgery and the Gamma Knife Center at the Cleveland Clinic in Cleveland, Ohio in 2003. She has made brain and spinal neuro-oncological surgery, her career focus. In 2006 she became Head of the Section of Spine Radiosurgery and Head of the Section of Spine Tumors in 2007, all positions that Lily still holds. She developed the spine radiosurgery program at the Cleveland Clinic, the first program of its kind in Ohio and indeed one of the earliest such programs in all of the U.S. and is recognized both nationally and internationally in this field. She has been the recipient of many clinical research grants, frequently as P.I. Lily is regularly involved in resident teaching at the Clinic and is the Neurosurgical Oncology Fellowship program director. For her efforts, Lily has been designated one of America’s “Top Docs” numerous times.
Lily has been very active as an instructor and organizer of numerous Gamma Knife Radiosurgery Training courses since joining the Cleveland Clinic. She has been invited to make numerous presentations in her fields of expertise, and has been a visiting professor at several Canadian and international centers in Latin America, Europe, Asia and the Middle East. Lily is the Director and Chair of the International Symposium on Stereotactic Body Radiation Therapy and Stereotactic Radiosurgery, a well-attended annual international meeting event in Florida now in its 10th year.

Due to her involvement in the field of spine tumors and education, she has been invited to join the board of the World Spinal Column Society, an organization with an educational mandate to enhance spine care in the developed as well as the developing world. Lily has published over 60 peer-reviewed articles, written many book chapters and abstracts and contributed to the development of educational materials involving audio/ video/ CD-ROM and other media.

In addition to her very busy professional life, Lily is a wife and mother of three. Her husband Frank holds a Ph.D. in Organic Chemistry and works as a senior scientist for an international consulting company based in Cleveland. Her 3 children Adam (16), Simon (14) and Stephanie (12) a.k.a. Moe, Larry and Curly bring her tremendous joy and it all results in a home that often resembles a 3 ring circus. For recreation, as much as time allows, Lily is very excited to have returned to Canada, at least part-time as they have just bought a cottage on Lake Erie near Port Colbourne Ontario. There is no place like home sometimes…

Dr. Lily Angelov with her husband and children.

*By Bill Tucker*
PUBLICATIONS


VISITING PROFESSORSHIPS


Mohammed F. Shamji organized and chaired the “Failed Back Surgery Syndrome” and also presented at the “Degenerative Cervical Myelopathy” symposia at the Global Spine Congress. He also presented his basic science and clinical research. April 13-16, 2016. Dubai, United Arab Emirates.


Michael Fehlings was an Invited Speaker at the 4th International Spine Tumor Days. 1) “Current concepts and outcome for patients with symptomatic spinal cord compression due to metastatic spine disease, 2) Chair: “Heyde-Session VII: Morbidity and Outcome.” April 8-9, 2016. Dresden, Germany.

Michael Fehlings was an Invited Speaker at the Wings for Life Scientific Meeting. “An Examination of the Therapeutic Impact of Human Induced Pluripotent Stem Cell Derived Neural Precursor Cells in Cervical Spinal Cord Injury”. April 18-20, 2016. Lake Fuschi, Austria.


Andres Lozano was a Guest Speaker at the 68th American Academy of Neurology (AAN) Annual Meeting. “Recent advances in functional neurosurgery. Vancouver, BC. April 15, 2016.


James Rukta was an Invited Speaker at the 84th AANS Annual Scientific Meeting. 1) “Cortical Stimulation Mapping: How we do it.” 2) “James Rutka, MD, PhD University of Toronto Neurosurgeon as Editor-In-Chief, as Chair of Neurosurgery, and as Chair of Surgery.” April 29, 2016. Chicago, Illinois.

Michael Tymianski was an Invited Lecturer at Wuhan University School of Medicine. “Management of complex cerebral aneurysms, and role of minimally invasive techniques.” April 8-11, 2016. Wuhan, China.

Michael Tymianski was a Guest Speaker at the Clinician Investigator Program. "The gaps between Bench and Bedside - from Academic discovery to clinical utility." April 21, 2016. Toronto, Ontario.
Michael Tymianski served as Co-Director of the 52nd Lougheed course. He was a co-presenter of two lectures. 1) “Microvascular anastomosis on the turkey wing”, 2) “Microvascular anastomosis on the rat.” April 28, 2016. Toronto, Ontario.

Gelareh Zadeh was an Invited Speaker at Weill Cornell Medicine, WCMC Grand Rounds. “Genomic Landscape of Schwannomas”. April 11, 2016. Ithaca, New York.

IN THE MEDIA

Sportsnet conducted an interview with Charles Tator about his work on sports-related concussions. The video and accompanying article can be accessed at: http://www.sportsnet.ca/hockey/nhl/dr-charles-tator-believes-concussions-will-change-hockey-culture/.


PDFs OF THE MONTH

Due to file size, please download the PDFs at: https://we.tl/DYMxmVHCBG


UPCOMING MEETINGS

April 2016

May 2016

2016 Pediatric Neuroendoscopy Course. Directors: Dr. James Drake and Dr. Mark Souweidane
(Cornell University). This course covers rigid endoscopy, flexible endoscopy, and endoscopic-assisted craniofacial repair, and is open to all Toronto neurosurgery residents. Surgical Skills Centre, Mount Sinai Hospital. Sat., May 20, 2016.

Advance registration is required: [http://www.cpd.utoronto.ca/pediatricneuroendoscopy/program/](http://www.cpd.utoronto.ca/pediatricneuroendoscopy/program/)

**Attention all softball players – May 29, 2016**
The Division of Neurosurgery at U of T will be playing in a softball tournament in New York’s Central Park, June 11, 2016. On Sunday, May 29, 2016 they have a softball diamond at McCleary Park 1 NE (755 Lake Shore Blvd E near Carlaw Avenue) booked from 9 a.m. – noon and would like to play a couple of slo-pitch games. Anyone interested in playing on an opposing team should forward their name and email address to Stephanie Neilson (s.neilson@utoronto.ca).

**June 2016**
Acoustic Neuroma Association Medical Conference. Toronto, ON. June 4, 2016. For more information please contact Gelareh Zadeh: [gelareh.zadeh@uhn.ca](mailto:gelareh.zadeh@uhn.ca).


13th Annual Neurosurgery Charity Softball Tournament. June 11, 2016. All American Association of Neurological Surgeons (AANS) members are invited. For more information regarding the tournament and post-tournament reception, visit [www.neurocharitysoftball.org](http://www.neurocharitysoftball.org). Additional information TBA.


First International Meningioma Consortium Conference for SNO. Toronto, Ontario. June 17-18, 2016. For more information please contact Gelareh Zadeh: [gelareh.zadeh@uhn.ca](mailto:gelareh.zadeh@uhn.ca).

July 2016
Welcome BBQ for incoming PGY1 resident and city-wide fellows. At the Chairman’s home. More information to follow. Sun., July 17, 2016.

September 2016


October 2016

RESIDENTS’ CORNER

Neurosurgery Resident Seminar Schedule and Events- thebrainschool.net

MAY 2016

Friday, May 6, 2016
Toronto Western Hospital, Main Pavilion 15th Floor Solarium
0900-1200

Topic: Pain
Mojgan Hodaie: Surgery for pain
Suganth Suppiah: Physiology, pharmacology and surgery for pain
Mojgan Hodaie: Case presentations

Friday, May 13, 2016
Gallie Day, Department of Surgery
0900-1700

Gallie-Bateman & McMurrich Research Presentations
MaRS Centre Lower Concourse
101 College Street
1:05 PM Gordon Murray Lecture
Professor Mohit Bhandari
"To Succeed, We Must Often Fail"
See link for full program: http://surgery.utoronto.ca/events/gallie-day/Gallie_Day_2016.htm

Thursday, May 19, 2016

Internal Review of Neurosurgery
Toronto Western Hospital, Neurosurgery Conference Room 4-430

Note time of resident meetings:
0830-0915: PGY1-3 Resident Meeting with Survey Team
0915-1000: PGY4-6 Resident Meeting with Survey Team

Friday, May 20, 2016

Pediatric Neuroendoscopy Course

Course Directors:
Dr. James Drake, University of Toronto
Dr. Mark Souweidane, Weill Cornell Medical College

Mount Sinai Hospital, Surgical Skills Centre, Level 2
0900-1600
Register on-line: http://www.cpd.utoronto.ca/pediatricneuroendoscopy
Registration Fee: $500 (residents will be reimbursed by the program after the course)

Friday, May 27, 2016
0900-1200
Sickkids: Black Wing, 1st Floor, Room 1248

Patrick McDonald: Physician assisted death in Canada- ethical issues and the role of the neurosurgeon
Patrick McDonald: Conflicts of interest in neurosurgery research and clinical care
Friday, May 27, 2016
In-Training Practice Oral Exam, Sickkids, 6C-Atrium, 6th Floor, Neurosurgery Clinic
0900-1600

To be confirmed:
PGY4-6 Residents will be notified directly regarding their participation

RESIDENCY PROGRAM COMMITTEE MEETING
Monday, May 16, 2016, TWH, WW 4-430

NEUROSURGERY CABINET MEETING
Tuesday, May 24, 2016, 6:30 p.m., location t.b.d.