

**Neuroscience Grand Rounds  
2012-2013**

| <b>Date</b>        | <b>Title</b>  | <b>Speaker/Affiliation</b>   |
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| September 6, 2012  | New Perspectives On Epilepsy Treatment  | Keith Nagle, MD<br>Associate Professor of Neurological Sciences<br>University of Vermont College of Medicine   |
| September 13, 2012 | EEG High Frequency Oscillations in Epilepsy   | Jean Gotman, PhD<br>Professor of Neurology and Neurosurgery<br>Montreal Neurological Institute at McGill University  |
| September 20, 2012 | Public Attitudes Towards Cognitive Enhancement  | Peter Reiner, VMD, PhD<br>Professor in the National Core for Neuroethics<br>Kinsment Laboratory of Neurological Research<br>University of British Columbia   |
| September 27, 2012 | Quality Metrics in Surgery  | Paul Penar, MD<br>Professor of Surgery, Division of Neurosurgery<br>University of Vermont College of Medicine  |
| October 4, 2012    | Ovarian Hormones and Migraine: In Search of the Holy Grail...   | Vincent Martin, MD<br>Professor of Clinical Medicine<br>University of Cincinnati College of Medicine   |
| October 11, 2012   | Determining Death   | James L. Bernat, MD<br>Professor of Neurology and Medicine<br>Geisel School of Medicine at Dartmouth   |
| October 18, 2012   | <a href="#">HILLEL PANITCH, MD MULTIPLE SCLEROSIS SYMPOSIUM</a><br>"Combination Therapy in MS"<br>Ron Milo, MD - Barzilai Medical Center, Ashkelon, Israel<br><br>"Current and Future Disease Modifying Therapy in MS"<br>Robert Lisak, MD - Wayne State University, Detroit, MI<br><br>"Emerging Therapies as a Window into MS Pathophysiology"<br>Amit Bar-Or, MD - McGill University, Montreal, Canada |  |
| October 25, 2012   | The Icing on the Brain: The Meninges Control Cortical Development   | Samuel Pleasure, MD, PhD<br>Professor and Vice Chair, Neurology Department<br>University of California, San Francisco  |
| November 1, 2012   | Using Neuroimaging to Detect Conscious Awareness in the Vegetative State  | Adrian Owen, PhD<br>Canada Excellence Research Chair (CERC) in Cognitive Neuroscience and Imaging<br>The Brain and Mind Institute at the University of Western Ontario   |
| November 8, 2012   | Why are Children with Epileptic Encephalopathies Encephalopathic?   | Gregory L. Holmes, MD<br>Professor of Neurology and Pediatrics<br>Geisel School of Medicine at Dartmouth   |
| November 15, 2012  | Nicotine and Parkinson's Disease: Christopher Columbus to Michael J. Fox  | James Boyd, MD<br>Assistant Professor of Neurological Sciences<br>University of Vermont College of Medicine  |
| November 22, 2012  | CANCELLED - HOLIDAY   |  |
| November 29, 2012  | <a href="#">SCHUMACHER LECTURESHIP - The Experimental Therapeutics of Neurological Disease</a>  | Robert Griggs, MD<br>Professor of Neurology, Medicine, Pathology & Laboratory Medicine and Pediatrics<br>Professor in the Center for Human Experimental Therapeutics<br>University of Rochester School of Medicine and Dentistry |
| December 6, 2012   | Gliomas: Origin, Current Therapy, and Acetate Supplementation on the Horizon  | Andrew Tsen, MD<br>Neurosurgery Resident<br>University of Vermont College of Medicine  |
| December 13, 2012  | Prognostication in Non-traumatic Coma   | David Greer, MD<br>Professor and Vice Chair, Department of Neurology<br>Yale University School of Medicine   |
| December 20, 2012  | Chronobiology of Migraine   | Robert Shapiro, MD, PhD<br>Professor of Neurological Sciences<br>University of Vermont College of Medicine   |

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| December 27, 2012 | CANCELLED - HOLIDAY  |  |
| January 3, 2013   | CANCELLED - HOLIDAY  |  |
| January 10, 2013  | The Acute and Chronic Consequences of Fatigue  | Ralph Yarnell, MD<br>Associate Professor of Anesthesiology<br>University of Vermont College of Medicine  |
| January 17, 2013  | The Nightlife of Astrocytes  | Maiken Nedergaard, MD<br>Professor of Neurosurgery<br>Co-Director, Center for Translational Neuromedicine<br>University of Rochester                                       |
| January 24, 2013  | Neurovascular Coupling Under Stress and CADASIL  | Mark Nelson, PhD<br>Professor and Chair of Pharmacology<br>University of Vermont College of Medicine   |
| January 31, 2013  | Inversion of Neurovascular Coupling After Subarachnoid Hemorrhage                          | George Wellman, PhD<br>Associate Professor of Pharmacology<br>University of Vermont College of Medicine  |
| February 7, 2013  | CANCELLED  |  |
| February 14, 2013 | Biomarkers and Beyond: The Science of Diagnosing Alzheimer's Disease                       | William Pendlebury, MD<br>Professor of Neurological Sciences, Medicine and Pathology<br>University of Vermont College of Medicine  |
| February 21, 2013 | Genomic Approaches to Brain Diseases   | Guy Rouleau, MD, PhD<br>Professor of Neurology and Neurosurgery<br>Director of the Montreal Neurological Institute<br>McGill University                                    |
| February 28, 2013 | CANCELLED  |  |
| March 7, 2013     | Restarting the Arrested Development  | Yu Wang, MD<br>Neurology Resident<br>University of Vermont College of Medicine   |
| March 14, 2013    | Advanced MR Imaging of Brain Tumors  | Joshua P. Nickerson, MD<br>Assistant Professor, Department of Radiology<br>University of Vermont College of Medicine   |
| March 21, 2013    | CANCELLED - AAN MEETING  |  |
| March 28, 2013    | Management Strategies in Autoimmune Neurology  | Andrew McKeon, MB, BCh<br>Assistant Professor of Laboratory Medicine/Pathology and Neurology<br>Mayo Clinic<br>Rochester, Minnesota  |
| April 4, 2013     | Cervical Myelopathy  | Katrina Ducis, MD<br>Neurosurgery Resident<br>University of Vermont College of Medicine  |
| April 11, 2013    | <a href="#">EMERY LECTURESHIP - The Origin and Molecular Mechanisms of Medulloblastoma</a> | Scott Pomeroy, MD, PhD<br>Bronson Crothers Professor of Neurology<br>Harvard Medical School<br>Chairman, Department of Neurology<br>Children's Hospital Boston             |
| April 18, 2013    | Leber and His Optic Neuropathies   | Phil Aitken, MD<br>Associate Professor of Surgery<br>Division of Ophthalmology<br>University of Vermont College of Medicine  |
| April 25, 2013    | Sleep Switches: Clinical Implications  | Cliff Saper, MD, PhD<br>James Jackson Putnam Professor of Neurology<br>Harvard Medical School<br>Chairman, Department of Neurology<br>Beth Israel Deaconess Medical Center |
| May 2, 2013       | <a href="#">SPINE DAY - Spinal Metastasis: Evaluation and Decision Making</a>              | Laurence D. Rhines, MD<br>Professor and Director of Spine Program<br>Department of Neurosurgery, Division of Surgery<br>The University of Texas MD Anderson Cancer Center  |

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| May 9, 2013   | Cyanobacterial Influences on Human Health and Neurodegeneration: Is There a Link Between ALS Epidemiology and BMAA? | Elijah Stommel, MD, PhD<br>Associate Professor of Neurology<br>Geisel School of Medicine at Dartmouth<br>and<br>Tracie Caller, MD<br>Resident Physician<br>Geisel School of Medicine at Dartmouth<br>and<br>Nicholas Field<br>Medical Student<br>University of Vermont College of Medicine |
| May 16, 2013  | ALS: An Evidenced Based Approach to Palliative Care   | Michael Hehir, MD<br>Assistant Professor of Neurological Sciences<br>University of Vermont College of Medicine   |
| May 23, 2013  | Tick Tock: Disorders of the Circadian Clock   | Matthew Rapp, MD<br>Sleep Fellow<br>Department of Neurological Sciences<br>University of Vermont College of Medicine   |
| May 30, 2013  | CANCELLED   |  |
| June 6, 2013  | Aphasia in Stroke   | Prem Mathai, MD<br>Neurology Resident<br>Department of Neurological Sciences<br>University of Vermont College of Medicine  |
| June 13, 2013 | EEG in Early Development: What Can the Tracing Tell Us about a Premature or Newborn Brain State?                    | Dominika Lozowska, MD<br>Neurology Resident<br>Department of Neurological Sciences<br>University of Vermont College of Medicine  |
| June 20, 2013 | <a href="#">DONAGHY DAY - Applications of Intra-Operative MRI for Management of Gliomas</a>                         | Joseph Piepmeier, MD<br>Nixdorff-German Professor of Neurosurgery<br>Vice Chairman, Department of Neurosurgery<br>Yale University School of Medicine   |