Johns Hopkins Bayview Medical Center
Neurology/Neurosurgery
Speakers Bureau Topics

Topics available through the department of neurology:

- Atypical Headaches
- Coma and Delirium
- Current Therapies in Acute Stroke
- Current Therapies in Restless Leg Syndrome
- Daytime Sleepiness: Evaluation and Management
- Delirium
- Dementia
- Dementia: Evaluation and Treatment
- Diabetic Neuropathy
- Evidence-based Stroke and Headache Treatment
- Formation of Primary Stroke Centers
- Headaches in Women
- Headaches Secondary to Other Diseases
- Headaches: Case-based Learning
- HIV-associated Neurological Manifestations
- Management of Seizures
- Migraine Management
- Migraines and Other Headaches
- Narcolepsy: Diagnosis and Management
- Outcome Measures in Regenerative Peripheral Nerve Clinical Trials
- Peripheral Neuropathy: Current Management Strategies
- rt-PA Administration for Acute Stroke
- Treatment of Neuropathic Pain

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Johns Hopkins Bayview Medical Center
Neurology/Neurosurgery Speakers Bureau Topics

Topics available through the department of neurosurgery:

- Awake Craniotomies for Intraoperative Speech Mapping
- Brain Tumors: Current Management Strategies
- Carotid Artery Stenosis: Update on Endarterectomy and Stenting
- Cerebral Aneurysms: Clipping vs. Coiling
- Current Management of Cerebral Vasospasm
- Disorders of Intracranial Pressure
- Evaluation and Management of Low Back Pain
- Evaluation and Management of Neck Pain
- Gamma Knife Treatment of Brain Tumors
- Human Stem Cells: Their Role in Regeneration and in the Origin of Brain Tumors
- Immuno-therapy Strategies for the Treatment of Brain Tumors
- Intracerebral Hemorrhage: Current Strategies
- Intraoperative Physiologic Mapping Techniques
- Malignant Glial Tumors
- Malignant Tumors
- Management and Outcome of Brain Injury After Cardiac Arrest
- Management of Degenerative Spine Disease
- Management of Spinal Injuries
- Minimally-invasive Spinal Surgery
- Minimally-invasive Techniques for the Treatment of Lumbar Disc Disease
- Neurological and Neurosurgical Intensive Care
- Pituitary Tumors: Endonasal Approach
- Skull-based Surgery Techniques
- Stereotactic Biopsy of Deep Tumor Lesions
- Therapeutic Hypothermia for Acute Brain Injuries
- Treatment of Cervical and Lumbar Stenosis
- Treatment of Metastatic and Primary Spinal Tumors

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Johns Hopkins Bayview Medical Center
Neurology/Neurosurgery Speakers Bureau Topics

Peter Kaplan, M.B.B.S., FRCP (UK)
Professor of Neurology
Director, EEG/Epilepsy Program

Topics of Interest:

• Peripheral Neuropathy: Current Management Strategies
• Management of Seizures
• Coma and Delirium

Biography:

Dr. Kaplan completed his medical studies at St. Bartholomew’s Medical School in London, England followed by training in internal medicine in London, Paris and Geneva. He specialized in neurology at Duke University Medical Center and completed a fellowship in epilepsy and EEG.

An internationally acclaimed expert regarding epilepsy in women, EEG and coma, Dr. Kaplan has written three books and contributed to over 100 research publications. He also lectures extensively.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Rafael Llinas, M.D.

Associate Professor of Neurology
Director, Cerebrovascular Neurology
Director, Clinical Services for Neurology
Assistant Residency Director, Neurology Residency Program

Topics of Interest:

• Current Therapies in Acute Stroke
• Formation of Primary Stroke Centers
• rt-PA Administration for Acute Stroke
• Evidence-based Stroke and Headache Treatment

Biography:

Dr. Llinas earned a medical degree from New York University School of Medicine, completed an internship at the Boston City Hospital and a residency in neurology at the Harvard Longwood Neurology Program. He received cerebrovascular subspecialty training during a stroke fellowship at the Beth Israel Hospital, Harvard University.

Currently ABPN board-certified in neurology and vascular neurology, Dr. Llinas has primary clinical interests in general neurology, migrainous disorders and stroke, particularly acute stroke treatments and neurovascular imaging. He holds research interests in diffusion/perfusion imaging and transcranial Doppler, as well as migraines related to cerebrovascular disease.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Richard O’Brien, M.D., Ph.D.
Associate Professor of Neurology
Chief of Neurology

Topics of Interest:

• Peripheral Neuropathy: Current Management Strategies
• Dementia: Evaluation and Treatment
• Coma and Delirium

Biography:

Dr. O’Brien received a medical degree from Harvard University. He completed a residency in medicine at the Massachusetts General Hospital, followed by a residency in neurology at The Johns Hopkins University School of Medicine.

Winner of several teaching awards and an acclaimed speaker, Dr. O’Brien has spent his career studying how nerves form connections in the brain and how these connections are affected by diseases such as dementia, stroke and ALS. He has been awarded several NIH grants to fund his research.

Dr. O’Brien specializes in a variety of neurologic disorders, including dementia, neuropathy and gait disorders.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Michael Polydefkis, M.D.
Associate Professor of Neurology
Director, Electromyography (EMG)
Director, Neuromuscular Lab

Topics of Interest:

• Diabetic Neuropathy
• Peripheral Neuropathy
• Treatment of Neuropathic Pain
• Outcome Measures in Regenerative Peripheral Nerve Clinical Trials

Biography:

Dr. Polydefkis graduated with a medical degree from Brown University and completed extensive post-graduate medical training in internal medicine, neurology and peripheral nerve disease at The Johns Hopkins University School of Medicine.

Specializing in diabetic neuropathy, he pioneered the use of punch skin biopsy in diabetes and as an outcome measure for regenerative neuropathy clinical trials. He has received funding from the National Institutes of Health, the Juvenile Diabetes Research Foundation and the Howard Hughes Medical Institute, as well as the numerous investigator-initiated trials by pharmaceutical companies.

Dr. Polydefkis is available to speak about diabetic neuropathy, peripheral neuropathy, the treatment of neuropathic pain and novel outcome measures in regenerative peripheral nerve clinical trials.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Ned Sacktor, M.D.
Associate Professor of Neurology

Topics of Interest:

• Dementia
• HIV-associated Neurological Manifestations
• Delirium

Biography:

Dr. Sacktor earned a medical degree at the University of Pennsylvania School of Medicine and completed a residency in neurology and fellowship in dementia at Columbia Presbyterian Hospital in New York.

A faculty member at The Johns Hopkins University School of Medicine in the division of neurology, Dr. Sacktor's research focuses primarily on the cognitive manifestations of HIV infection. His investigation includes clinical, epidemiological and neuroimaging studies, as well as trials of therapeutic agents for the treatment of HIV-associated dementia.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Alfredo Quinones-Hinojosa, M.D.  
*Associate Professor of Neurosurgery and Oncology*  
*Director, Brain Tumor Program*

**Topics of Interest:**

- Human Stem Cells: Their Role in Regeneration and in the Origin of Brain Tumors
- Brain Tumors: Current Management Studies
- Pituitary Tumors: Endonasal Approach
- Malignant Glial Tumors
- Intraoperative Physiologic Mapping Techniques
- Awake Craniotomies for Intraoperative Speech Mapping
- Skull-based Surgery Techniques

**Biography:**

Dr. Quinones-Hinojosa, graduating with honors, earned a medical degree at Harvard University. He completed a residency in neurosurgery and postdoctoral fellowship in developmental and stem cell biology at the University of California in San Francisco.

Focusing on the surgical treatment of primary and metastatic brain tumors, with an emphasis on motor and speech mapping during surgery, Dr. Quinones is an expert in treating intradural spinal tumors as well as brainstem and eloquent brain tumors in adults with the use of neurophysiological monitoring during surgery.

He further specializes in the treatment of patients with pituitary tumors using a transphenoidal endonasal approach with surgical navigation and endoscopic techniques, and has a strong interest in the treatment of skull-based tumors and the use of radiosurgery as an adjunct to the treatment of lesions on the brain.

Dr. Quinones conducts numerous research efforts on elucidating the role of stem cells in the origin of brain tumors and the potential role stem cells can play in fighting brain cancer and regaining neurological function.

*To schedule a speaker, call (410) 550-0630.* Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Judy Huang, M.D.

Associate Professor of Neurosurgery
Director, Cerebrovascular Neurosurgery
Vice Chair of Neurosurgery

Topics of Interest:

- Carotid Artery Stenosis: Update on Endarterectomy and Stenting
- Cerebral Aneurysms: Clipping vs. Coiling
- Current Management of Cerebral Vasospasm
- Intracerebral Hemorrhage: Current Strategies
- Minimally-invasive Spinal Surgery

Biography:

Dr. Huang received a medical degree from the Columbia University College of Physicians and Surgeons in New York. While there she also completed residency training in neurosurgery as well as a fellowship in neurovascular research.

Focusing on spinal disorders and primary and metastatic brain tumors, Dr. Huang specializes in the treatment of cerebrovascular disorders such as cerebral aneurysms, carotid artery stenosis and arteriovenous malformations (AVMs). Her research concentrates on the inflammatory mechanisms of stroke and she further investigates gender differences in stroke and other cerebrovascular diseases.

Dr. Huang is co-author of a widely-used handbook of operative neurosurgery and has published extensively on experimental studies of stroke and carotid endarterectomy.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Jason Rosenberg, M.D.
Assistant Professor of Neurosurgery
Director, Johns Hopkins Headache Center

Topics of Interest:

- Migraines and Other Headaches
- Headaches Secondary to Other Diseases
- Headaches in Women
- Headaches: Case-based Learning
- Migraine Management
- Atypical Headaches

Biography:

A Baltimore native, Dr. Rosenberg graduated with a medical degree from Harvard University. He completed an internship in internal medicine at Mount Auburn Hospital in Cambridge, MA, prior to joining Johns Hopkins as a neurology resident.

After completing training in neurology, he remained a faculty member in the division of neurology, specializing in the treatment of severe, frequent and disabling headaches, and other related head and facial pain disorders.

Dr. Rosenberg recently spearheaded the conception of the Johns Hopkins Headache Center, which provides multi-disciplinary care for patients suffering from a variety of painful disorders of the head and face.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Romerglyko G. Geocadin, M.D.

Associate Professor of Neurology, Neurosurgery, Anesthesiology, Critical Care Medicine
Director, Neuro-Critical Care

Topics of Interest:

• Management and Outcome of Brain Injury after Cardiac Arrest
• Neurological and Neurosurgical Intensive Care
• Therapeutic Hypothermia for Acute Brain Injuries
• Disorders of Intracranial Pressure

Biography:

Dr. Geocadin is a member of the neurological critical care team at Johns Hopkins, where he cares for patients with acute neurologic disorders and complications. He also sees peri-operative neurosurgery patients and those undergoing interventional neuroradiological procedures.

After receiving a medical degree from the University of the East RMMC College of Medicine in the Philippines, he completed a postgraduate internship at the University of the Phillippines-Phillippine General Hospital, as well as an internship in internal medicine and residency in neurology at the New York University School of Medicine.

Dr. Geocadin’s research interests include basic, translational and clinical investigations in acute neurologic injuries after global cerebral ischemia; therapeutic hypothermia for acute neurologic injuries; novel application of neuro-electrophysiology for early detection of acute neurological injuries; disorders of intracranial pressure, coma, cerebrovascular disorders and other acute disorders of the nervous system. His research has been funded by the National Institutes of Health, American Academy of Neurology and the American Heart Association.

Dr. Geocadin has been the guest editor of Neurologic Clinics of North America, Critical Care Clinics of North America and Seminars in Neurology.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Christopher Earley, M.B., B.Ch., Ph.D.
Professor of Neurology
Associate Director, Sleep Disorders Center

Topics of Interest:

• Current Therapies in Restless Leg Syndrome
• Daytime Sleepiness: Evaluation and Management
• Narcolepsy: Diagnosis and Management

Biography:

Dr. Earley received a Ph.D. and M.B., B.Ch. from the National University of Ireland. He completed a medical internship at Baylor College of Medicine and a residency in neurology at the University of Virginia. He is board-certified in neurology, sleep medicine and internal medicine.

Specializing in sleep disorders, particularly restless leg syndrome, Dr. Earley’s research focuses on restless leg syndrome and the mechanisms that may cause it, interventions and physical manifestations of the disorder.

Dr. Earley has spoken widely on the diagnosis and treatment of sleep disorders in adults.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Alessandro Olivi, M.D.
Professor of Neurosurgery
Director, Neurosurgical Oncology
Chair of Neurosurgery

Topics of Interest:

- Malignant Tumors
- Brain Tumors: Current Management Strategies
- Immuno-therapy Strategies for the Treatment of Brain Tumors
- Stereotactic Biopsy of Deep Tumor Lesions
- Skull-based Surgery Techniques
- Awake Craniotomies for Intraoperative Speech Mapping
- Gamma Knife Treatment of Brain Tumors

Biography:

Dr. Olivi earned a medical degree from The University of Padova, Italy. He completed a residency at the University of Cincinnati Good Samaratin Hospital and a fellowship in neurosurgical oncology at The Johns Hopkins Hospital.

Specializing in the surgical treatment of tumors and vascular lesions of the brain and spinal cord, Dr. Olivi’s recent interests include the development of new treatments for brain tumors.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Rebecca Gottesman, M.D., Ph.D.
Assistant Professor of Neurology

Topics of Interest:

- Evidence-based medicine in stroke
- Gender differences in stroke
- Stroke and other neurologic complications after cardiac surgery

Biography:

Dr. Gottesman earned a medical degree at the Columbia College of Physicians and Surgeons. She completed an internship at Johns Hopkins Bayview Medical Center and a residency in neurology at The Johns Hopkins University School of Medicine. She also earned a doctorate in Clinical Investigation at the Johns Hopkins Bloomberg School of Public Health.

Board-certified in neurology and vascular neurology, Dr. Gottesman holds clinical interests in stroke in general, as well as stroke in women and young adults. Her patient-oriented research has involved the neurologic complications of cardiac surgery, as well as the association between vascular disease and cognitive impairment.

To schedule a speaker, call (410) 550-0630. Most topics are covered in 45 minutes. If you will need the speaker to present for a longer amount of time, please inform the representative at the time of your call, so we may plan for additional time.
Andrew L. Mammen, M.D., Ph.D.

Assistant Professor of Neurology

Topics of Interest:

• Myositis: Evaluation and Treatment
• Statin Myopathy: Mechanisms and Management
• Fibromyalgia

Biography:

Dr. Mammen earned a medical degree at The Johns Hopkins University School of Medicine. After completing an internship on the Johns Hopkins Osler Medicine Service, he completed a residency in neurology and a fellowship in neuromuscular disorders at The Johns Hopkins Hospital.

As co-director of the Johns Hopkins Myositis Center, Dr. Mammen cares for patients with polymyositis, dermatomyositis, inclusion body myositis and other muscular diseases. Funded by the NIH, Dr. Mammen’s research focuses on muscle regeneration in autoimmune muscle disease.

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Rachel E. Salas, M.D.
Assistant Professor of Neurology

Topics of Interest:

- Sleep in the Hospital
- Screening and Evaluating Patients for Sleep Disorders
- Parasomnias: Diagnosis and Management
- Sleep and Motor Learning

Biography:

A Texas native, Dr. Salas earned a medical degree from at the University of Texas Medical Branch at Galveston, where she also completed an internship in internal medicine and a residency in neurology. She also completed a fellowship in sleep medicine at The Johns Hopkins University School of Medicine, where she was trained in non-invasive cortical stimulation techniques.

Specializing in sleep medicine, Dr. Salas holds interests in the treatment of a wide variety of sleep disorders and promoting overall good sleep quality. Her research focuses on sleep and neuroplasticity, and the effects of sleep on motor learning. Dr. Salas also is interested in evaluating sleep in the hospital and is involved in spearheading such an initiative at The Johns Hopkins Hospital.

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Ali Bydon, M.D.
Assistant Professor of Neurology
Clinical Director, Johns Hopkins Bayview Spine Program

Topics of Interest:

• Degenerative Spine Conditions
• Spinal Stenosis
• Cervical and Lumbar Disc Herniation
• Degenerative Disc Disease
• Spinal Deformity/Scoliosis

Biography:

Ali Bydon, M.D., clinical director of the Johns Hopkins Bayview Spine Program and assistant director of neurosurgery, specializes in degenerative disorders of the spine (cervical, thoracic, and lumbar osteophytes or disk herniations, cervical, thoracic and lumbar spinal stenosis, cervical, thoracic and lumbar spondylolisthesis, spondylosis, spondylolysis and degenerative coliosis), neoplastic disorders of the spine (intradural spine tumors, intramedullary spine tumors, extradural metastatic spine tumors, spine meningiomas, spine schwannaomas), traumatic spinal cord and vertebra column injuries; complex reconstruction and restoration of the spine; and minimally invasive spine surgery.

Dr. Bydon earned a medical degree at the University of Michigan School of Medicine in Ann Arbor. He completed residency training in neurological surgery at the Henry Ford Hospital in Detroit where he graduated with distinction. He also completed a fellowship in minimally-invasive spine surgery at Henry Ford as well as a fellowship at Louisiana State University on the surgical treatment of peripheral nerves.

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