2008-2009 Resident Publications and Abstracts
Senior to Junior Resident

Bradley T. Bagan, MD

Byrne RW, Bagan B, Slavin K, Curry D, Koski T, Origitano TC: Neurosurgical Emergency Transfers to Academic Centers in Cook County. A Prospective, Multicenter Study. *Neurosurg*. 62(3):709-716 March, 2008

Byrne RW, Bagan B: Solutions in Emergency Neurosurgical Coverage. *AANS Neurosurgeon* Vol 17:No4, 42-44. April 2009.

Bradley T. Bagan, MD and Nimesh H. Patel, MD

Bagan B, Patel N, Deutsch H, Harrop J, Sharan A, Vaccaro AR, Ratliff JK. Perioperative Complications of Minimally Invasive Surgery (MIS): Comparison of MIS and Open Interbody Fusion Techniques. *Surg Technol Int.* 17:281-6, 2008.

Tibor Boco, MD

Boco T, Aaleaes S, Musacchio MJ, Byrne R, Cochran E. Papillary Tumors of the pineal region. 28(1):87-92 *Neuropathology*, Feb, 2008.

Deutsch H, Boco T, Lobel J. Minimally invasive transpedicular vertebrectomy for metastatic disease to the thoracic spine. *J Spinal Disord Tech.* 21(2):101-5, 2008.

Boco T, Deutsch H. Delayed symptomatic presentation of epidural hematoma after epidural catheter anesthesia. *Spine.* 32(22):E649-51, 2008.

Sani S, Boco T, Cochran E, Patel AJ, Lewis S, Byrne, R: Acute Disseminated Encephalomyelitis Caused by Hemostatic Agent in the Brain. *J Neurosurg* 109(1):149-52 June 2008.

Boco T, O'Leary S, Whisler WW, Byrne R: History of Neurosurgery at Rush, Accepted, *Neurosurg* May 2009.

Boco T, Johnson AK, Rivas, FF. Ahmed, S, Byrd, SE, Byrne RW: Newer MR Imaging Modalities in the Evaluation of Typical and Atypical Intracranial Meningiomas Submitted to *Neurosurg*
May 2009

Abstracts/Posters

Boco T, O'Toole JE. Successful spondylolisthesis sagittal plane reduction using a novel MIS device in conjunction with percutaneous pedicle screw fixation. Congress of Neurological Surgeons Annual Meeting, Orlando, FL, September 2008.

O'Toole JE, Boco T. Minimally Invasive Reduction of Degenerative Spondylolisthesis Using a Percutaneous Pedicle Screw-Associated Device. Neurosurgical Society of America Annual Meeting, Hot Springs, VA, June 2009.

Larry R. Shannon, II, MD

Shannon L, O'Toole J, Carl R, Weber C, Byrne RW: Non-operative management of a large lumbar subdural hematoma in a boxer. Submitted *Surgical Neurology* March 2009

Lad N, Shannon L, Byrne RW: Incidental Aneurysms in Epilepsy Surgery: Report of 3 cases and a review of the literature. Submitted to *Neurosurg* April 2009.

Dima S. Ruban, MD

Ruban D, Smith MC, Kanner A, Byrne RW: Temporal Lobe Tumoral Chronic Epilepsy: Long-Term Surgical Outcome accepted *Neurosurgery Focus* June 2009.

Abstracts/Posters

Ruban D, Byrne RW, Kanner A, et al: Temporal Lobe Gangliogliomas Associated with Chronic Epilepsy. CNS Annual Meeting, 2009.

Ruban D, Smith MC, Kanner A, Byrne RW: Temporal Lobe Tumoral Chronic Epilepsy: Long-Term Surgical Outcome CNS annual meeting. Orlando, Florida. September 21st 2008.

Adam P. Smith, MD

Byrne RW, Jobe KW, Smith MC, Kanner A, Bergen D, Palac S, Balabanov A, Ajiboye N, Takagi I, Whisler W: Epidural Cylinder Electrodes for Presurgical Evaluation of Intractable Epilepsy: *Surgical Neurology*, Aug;70(2): 160-4, 2008.

Smith AP, Musacchio MJ, O'Toole JE. Spinal Epidural Abscess Associated with Infliximab Treatment for Psoriatic Arthritis. *J Neurosurg: Spine* 9(3):261-4, Sep 2008.

Musacchio M, Smith A, Munoz L, Von Roenn K, Byrne R: Neuro-critical care skills training using a human patient simulator. Submitted to *Academic Medicine*, Feb 2009.

Byrne RW, Smith A, Ruban D, Roh D, Kanner A: Occult defects of the middle fossa floor with encephalocele in patients with temporal lobe epilepsy Submitted to *Neurosurgery* 2009.

Sani S, Smith A, Kanner A, Morrin M, Palac S, Bergen D, Balabonov A, Smith M, Whisler W, Byrne R: Medically intractable temporal lobe epilepsy in patients with normal 1.5T MRI: Surgical outcome in twenty-four consecutive patients. Submitted *Neurosurgery* June 2009.

Books/Book Chapters

Smith A, Byrne RW: Neurosurgery In Rush Review of Surgery, 5th edition. Deziel D, Bines,

S (eds) W. B. Saunders 2009.

Ryan A. Zengou, MD

Ksendzovsky A, Zengou R, Sharp A, Polak P Lichtor T Feinstein D and Glick RP: Investigation of immunosuppressive mechanisms in a mouse glioma model. *J Neuro-Onc* (in Press).

Erwin Z. Mangubat, MD

Roitberg BZ, Hardman J, Urbaniak K, Merchant A, Mangubat EZ, Alaraj A, Mlinarevich N, Watson KS, Ruland S: Prospective randomized comparison of safety and efficacy of nicardipine and nitroprusside drip for control of hypertension in the neurosurgical intensive care unit. *Neurosurg*, 2008, Jul; 63(1): 1115-20; discussion 120-1.

Mangubat EZ, Chan M, Ruland S, Roitberg BZ: Hydrocephalus in posterior fossa lesions: Ventriculostomy and permanent shunt rates by diagnosis. *Neurol Res* 2008 Dec 23.