

**Department of Neurological Surgery**  
**University of Washington, Seattle**  
**Faculty, Resident and Fellow Publications, 2015**  
**[partial January – September, 2015]**

1. Abel TJ, **Buckley RT**, Morton R, Gabikian P, **Silbergeld DL**. Recurrent Supplementary Motor Area Syndrome Following Repeat Brain Tumor Resection Involving Supplementary Motor Cortex. *Neurosurgery*. 2015. PMID:26087004
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3. Alali AS, Vavrek D, Barber J, Dikmen S, Nathens AB, **Temkin NR**. Comparative study of outcome measures and analysis methods for traumatic brain injury trials. *J Neurotrauma*. 2015;32(8):581-9. PMID:25317951 PMC: 4394163
4. Alimi M, **Hofstetter CP**, Pyo SY, Paulo D, Hartl R. Minimally invasive laminectomy for lumbar spinal stenosis in patients with and without preoperative spondylolisthesis: clinical outcome and reoperation rates. *J Neurosurg Spine*. 2015;22(4):339-52. PMID:25635635
5. Alimi M, **Hofstetter CP**, Tsioris AJ, Elowitz E, Hartl R. Extreme lateral interbody fusion for unilateral symptomatic vertical foraminal stenosis. *Eur Spine J*. 2015;24 Suppl 3:346-52. PMID:25893336
6. Alimi M, Shin B, Macielak M, **Hofstetter CP**, Njoku I, Jr., Tsioris AJ, Elowitz E, Hartl R. Expandable Polyaryl-Ether-Ether-Ketone Spacers for Interbody Distraction in the Lumbar Spine. *Global spine journal*. 2015;5(3):169-78. PMID:26131383 PMC: 4472284
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10. Bell KR, Brockway JA, Fann JR, Cole WR, St De Lore J, Bush N, Lang AJ, Hart T, Warren M, Dikmen S, **Temkin N**, Jain S, Raman R, Stein MB. Concussion treatment after

combat trauma: Development of a telephone based, problem solving intervention for service members. Contemporary clinical trials. 2015;40:54-62. PMID:25460344

11. Bobola MS, Alnoor M, Chen JY, Kolstoe DD, **Silbergeld DL, Rostomily RC**, Blank A, Chamberlain MC, **Silber JR**. O-methylguanine-DNA methyltransferase activity is associated with response to alkylating agent therapy and with promoter methylation in glioblastoma and anaplastic glioma. BBA clinical. 2015;3:1-10. PMID:25558448 PMC: 4280839
12. Brody DL, Benetatos J, Bennett RE, Klemenhagen KC, **Mac Donald CL**. The pathophysiology of repetitive concussive traumatic brain injury in experimental models; new developments and open questions. Mol Cell Neurosci. 2015;66(Pt B):91-8. PMID:25684677 PMC: 4461503
13. Brody DL, **Mac Donald CL**, Shimony JS. Current and future diagnostic tools for traumatic brain injury: CT, conventional MRI, and diffusion tensor imaging. Handbook of clinical neurology. 2015;127:267-75. PMID:25702222
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19. **Chiarelli PA, Kievit FM, Zhang M, Ellenbogen RG**. Bionanotechnology and the future of glioma. Surg Neurol Int. 2015;6(Suppl 1):S45-58. PMID:25722933 PMC: 4338483
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27. Coulson NK, *Chiarelli PA*, *Su DK*, Chang JJ, MacConaghy B, Murthy R, Toms P, Robb TL, **Ellenbogen RG**, **Browd SR**, **Mourad PD**. Ultrasound stylet for non-image-guided ventricular catheterization. *J Neurosurg Pediatr*. 2015;1-9. PMID:26140670
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