

# **New Orleans**

*ASNR 2008*

## **ASNR 2008 Outstanding Presentation Awards**

### ***General Neuroradiology***

#### **PAPER 35: Lead Exposure During Childhood Disrupts Adult Brain Metabolism**

Cecil, K.M.<sup>1</sup> • Dietrich, K.N.<sup>2</sup> • Altaye, M.<sup>1</sup> • Egelhoff, J.C.<sup>1</sup> • Wessel, S.D.<sup>2</sup> • Lanphear, B.P.<sup>1</sup>  
(<sup>1</sup>Cincinnati Children's Hospital Medical Center, Cincinnati, OH, <sup>2</sup>University of Cincinnati, Cincinnati, OH)

### ***Bayer Best Paper Award in General Neuroradiology***

#### **PAPER 23: Prediction of Conversion from Clinically Isolated Syndrome to Clinically Definite Multiple Sclerosis Using Diffusion Tensor Imaging**

Jewells, V.L. • Chen, Y. • Speer, D. • Markovic-Plese, S. • Armao, D. • An, H. • Zu, H. • Bullitt, E. • Lin, W.  
(University of North Carolina, Chapel Hill, NC)

### ***Functional Neuroradiology***

*(Due to a tie in review scores, this award is being split between two recipients.)*

#### **PAPER 211: Detection of BOLD Response to Single Stimuli in Single Functional Units of Human Visual Cortex Demonstrated at 3.0 T**

Atkinson, I.C. • Nemani, A. • Flannery, M.P. • Thulborn, K.R.  
(University of Illinois at Chicago, Chicago, IL)

#### **POSTER 25: Automated Generation of Diffusion Tensor Tractography Maps**

Nucifora, P.G.P. • Wu, X. • Melhem, E.R. • Longhead, J. • Gur, R.E. • Gur, R.C. • Verma, R.  
(University of Pennsylvania, Philadelphia, PA)

### ***Head and Neck Radiology***

#### **Paper 244: A New and Failsafe Method of Labeling Cross-Sectional Images for Sidedness**

Mackey, J.K.<sup>1</sup> • Cunnane, M.E.<sup>2</sup> • Curtin, H.D.<sup>3</sup>  
(<sup>1</sup>J. Kevin Mackey, MD, Inc., Los Angeles, CA, <sup>2</sup>Massachusetts Eye and Ear Infirmary, Boston, MA, <sup>3</sup>Massachusetts Eye and Ear Infirmary, Harvard University, Boston, MA)

**Disclosure:** **J.K. Mackey**, Owns the patent for the technical device presented in this abstract; **M.E. Cunnane**, None; **H.D. Curtin**, None.

***Interventional Neuroradiology***  
***(The Michael Brothers Memorial Award)***

**Paper 443: Histopathologic Changes in Brain Arteriovenous Malformations after Embolization with Onyx® or n-BCA**

Natarajan, S.K. • Born, D. • Ghodke, B. • Britz, G.W. • Sekhar, L.N.  
(*University of Washington, Seattle, WA*)

***Pediatric Neuroradiology***  
***(The Derek Harwood-Nash Award)***

**PAPER 185: Changes in Global Rates of Cerebral Perfusion Associated with Normal Development as Measured with MR Arterial Spin Labeling**

Whitlow, C.T.<sup>1</sup> • Pollock, J.M.<sup>1</sup> • Kraft, R.A.<sup>1</sup> • Mussat-Whitlow, B.J.<sup>2</sup> • Tan, H.<sup>1</sup> • Burdette, J.H.<sup>1</sup> • Malkjian, J.A.<sup>1</sup>

(<sup>1</sup>*Wake Forest University School of Medicine, Winston-Salem, NC*, <sup>2</sup>*Winston-Salem State University, Winston-Salem, NC*)

***Spine***

**PAPER 315: Perfusion CT Measurements in Cervical Spinal Cord: Feasibility and Reproducibility of the Study as Well as Interchangeability of the Measurements Using Two Commercially Available Software Packages**

Bisdas, S.<sup>1</sup> • Rumboldt, Z.<sup>1</sup> • Surlan, K.<sup>2</sup> • Deveikis, J.<sup>1</sup> • Spampinato, M.<sup>1</sup>

(<sup>1</sup>*Medical University of South Carolina, Charleston, SC*, <sup>2</sup>*Clinical Centre Ljubljana, Ljubljana, SLOVENIA*)