

## *Historical Synopsis for the 2010 Academy Annual Meeting*

The American Academy met amidst cypress and eucalyptus trees at the Inn at Spanish Bay in Carmel, California in early November, 2010. President Steve Giannotta presided.

Jim Rutka, Secretary, tabulated 101 active, 112 Senior, 15 corresponding, 44 senior corresponding, and 2 honorary members.

Griff Harsh, Treasurer, reported total assets for the Academy of \$ 880,000 which is between 2 to 3 times annual revenue/expenses, meeting the tax exemption requirements for non-profit organizations.

The Academy continues to provide a research grant through the Neurosurgical Research and Education Foundation.

Mitch Berger served as the Local Arrangements Chairman and Mike Lawton, Scientific Program Chairman for this Annual Meeting.

Three members died this year: Bob Ojemann, Cone Pevehouse, and Peter Heilbrun.

All archives of the Academy have been digitized and are available on the Academy website.

### **A snapshot of the variety of presentations in the superb scientific program**

President Steve Giannotta gave his Presidential Address on the importance of mentoring medical students, residents, junior faculty and colleagues for the future of the specialty.

A Vascular Forum updating neurovascular imaging, Implications of the recently concluded Carotid Revascularization study, and discussion of the Pipeline flow diversion stent for aneurysm treatment.

A focus on brain tumors - Laser Interstitial Thermal Therapy, the cofiinn pathway's role in cell migration, it's upregulation promoting glioma invasion, and the use of superselective intra-arterial cerebral infusion of monoclonal tumor antibodies after blood brain barrier disruption. The division of four distinct genomic subgroups of medulloblastoma elucidated.

A template for comparative effectiveness research in spinal surgery was presented in order to facilitate communication with multiple stakeholders.

The use of sonothrombolysis in the evacuation of intracerebral hemorrhage.

The use of adenosine and the study of its source of in the brain. The intracranial aneurysm risk gene.

Deep brain stimulation for intractable Obsessive Compulsive Disorder and Depression.

A Symposium on Traumatic Brain Injury, Concussion, the Science of Sports Injury, and Report of the National Football League Committee on Head Injury.

A "Hall of Fame Forum" with presentations from senior master neurosurgeons: John Jane, Sr., Bennett Stein, and Charles Wilson.