62nd Southern Neurosurgical Society Annual Meeting (SNS)
February 23-26, 2011
Orlando, FL

PROGRAM

WEDNESDAY, FEBRUARY 23, 2011

1:00 – 5:00 pm  Meeting Registration
2:00 – 4:00 pm  SNS Executive Committee Meeting

THURSDAY, FEBRUARY 24, 2011

7:00 am – 1:00 pm  Meeting Registration
7:00 am – 7:30 am  Physician’s Continental Breakfast with Exhibitors
7:30 am – 7:40 am  Opening Remarks – Christopher Paramore, MD

Scientific Session I:
Moderator: Joshua Dowling, MD

7:40 – 8:10 am  The Lateral Retroperitoneal Transpsoas Approach: Anatomical and Technical Considerations
Juan Uribe, MD

8:10 – 8:40 am  Current and Future Directions in the Surgical Management of Hydrocephalus
David Limbrick, MD

8:40 – 9:10 am  Deep Brain Stimulation for Obsessive-compulsive Disorder Depression
Kelly Foote, MD

9:10 – 9:15 am  Introduction of R. Eustace Semmes Lecture
Joshua Dowling, MD

9:15 – 9:50 am  R. Eustace Semmes Lecture
Michael Apuzzo, MD

9:50 – 10:15 am  Morning Break with Exhibitors

Oral Abstract Presentations
Moderators: Eric Nottmeier, MD

10:15 – 10:23 am  Paper # 1: Parental Recognition of Shunt Failure
Robert P. Naftel, MD; Emily Tubergen, c’MPH; Kimberly Gran, MD; Chevis Shannon, DrPH; Jeffrey Blount, MD; John C. Wellons, III, MD

10:25 – 10:33 am  Paper # 2: Prospective, Randomized, Multicenter Study of Cervical Arthroplasty: 269 Patients from the Kinflex | C Artificial Disc IDE Study with Minimum Two Year Follow-up
Domagoj Coric, MD; Pierce Nunley, MD; Richard Guyer, MD; David Musante, MD; Carl Lauryssen, MD

Raul Olivera, MD; Angela Downes; Laura Willard, RN; Sammy Youssef, MD; Harry Van Loveren, MD

10:45 – 10:53 am  Paper # 4: Preventing CSF Leak after Tethered Cord Release
Joshua Chern; Amber Gordon; Shane Tubbs; Matthew Smyth; Andrew Jea; Jerry Oakes

10:55 – 11:03 am  Paper # 5: Management of Central Nervous System (CNS) Injuries During the Civil War: The Introduction of Specialized Surgical Care
William C. Hanigan

*R. David Fessler; Krishnan M. Dhandapani, PhD*

11:25 – 11:33 am  Paper #7: Prospective Results from the US IDE Feasibility Study of A Novel Peek-On-Peek Nucleus Replacement Device with Minimum Two Year Follow-up

**Domagoj Coric, MD; Matthew Songer, MD**

11:35 – 11:40 am  Introduction of Edward “Ned” Downing Lecture

**Christopher Paramore, MD**

11:40 – 12:30 pm  Edward “Ned” Downing Lecture: “It Wasn’t Won Up North: The American Revolution in the South

**Walter Edgar, MD**

12:45 – 2:00 pm  Resident Program with Lunch

5:30 – 7:00 pm  Welcome Reception

**FRIDAY, FEBRUARY 25, 2011**

7:00 am – 1:00 pm  Meeting Registration

7:00 am – 7:30 am  Physician’s Continental Breakfast with Exhibitors

*Scientific Session II:*

*Moderator: Jay Howington, MD*

7:30 – 8:00 am  Decoding Human Cortex – Implications for Neuroscience and Neurosurgery

**Eric Leuthardt, MD**

8:00 – 8:30 am  Impact of Healthcare Legislation on Neurosurgery

**Alex Valadka, MD**

8:30 – 9:00 am  The Coming Challenges of Healthcare Reform Panel Discussion

*Panelists: Katie Orrico, JD; Troy Tippett, MD; Clarence Watridge, MD; John Wilson, MD; Alex Valadka, MD*

9:00 – 9:05 am  Introduction of the Presidential Address

**Winfield D. Fisher III, MD**

9:05 – 9:35 am  Presidential Address

**Christopher Paramore, MD**

9:35 – 10:00 am  Morning Break with Exhibitors

*Oral Abstract Presentations*

*Moderator: Fernando Vale, MD*

10:00 – 10:15 am  Paper #8: Current Trends in the Management of Acoustic Neuroma in the United States: Are we over treating? **McCravey Award Winner**

*Tsz Yeung Lau, MD; Harry Van Loveren, MD; Siviero Agazzi, MD; Sammy Youssef, MD, PhD*

10:20 – 10:28 am  Paper #9: Optimization of DBS Outcome: Conditional Probability of Hemorrhage and Infection Vs. Target and Number of Trajectories

**David F. Bauer, MD; Chevis Shannon, MPH; Jennifer K. George, PA-C; Marc A. Neeland, BS; Erwin Montgomery, MD; Harrison Walker, MD; Barton Guthrie, MD**


**Clarence B. Watridge, MD, FAANS, FACS**
   Tien V. Le, MD; Ali A. Baaj, MD; Elias Dakwar, MD; Fernando L. Vale, MD; Juan S. Uribe, MD

   Andy Stevens, MD; Robert Marsh, MD, PhD.; Thomas Sweasey, MD, FACS

11:00 – 11:08 am  Paper #13: Minimally Invasive Versus Open Multi-level Decompression for Lumbar Stenosis: Comparison of Narcotic Use, Return To Work, and Two-year Pain, Disability, and Quality of Life
   Brandon J. Davis, MD; Owoicho Adogwa, MPH; Erin Fulchiero, BS; Oran Aaronson, MD; Joseph Cheng, MD; Clint Devin, MD; Matt J. McGirt, MD

   Adam Reig; Scott Simon, MD; Robert James; Prasad Reddy; Robert Mericle

   Jason Sheehan, MD; Rupa Gopalan, MD; David Schlesinger; Mary Lee Vance; Edward Laws

   J. Bridger Cox, MD; R. Patrick Jacob, MD; Daniel J. Hoh, MD

11:40 – 11:48 am  Paper #17: Association of Surgical Resection and Survival in Patients with Malignant Primary Osseous Spinal Neoplasms: A 30-year Population-based Study
   Scott L. Parker, BS; Kaisorn L. Chaichana, MD; Debraj Mukherjee, MD; Ziya L. Gokaslan, MD; Oran Aaronson, MD; Joseph Cheng, MD; Matthew J. McGirt, MD

   Shahid M. Nimjee; Isaac O. Karikari, MD; Tiffany R. Hodges, MD; Dennis A. Turner, MD, MA

12:00 – 12:05 pm  Introduction of the Distinguished Practitioner
   Allan Friedman, MD

12:05 – 12:25 pm  The Origin of the Journal, Neurosurgery
   Robert Wilkins, MD

12:25 – 12:40 pm  Business Meeting

7:00 – 9:30 pm  Family Night at Disney’s Hollywood Studios

SATURDAY, FEBRUARY 26, 2011

7:00 am – 12:00 pm  Meeting Registration
7:00 am – 7:30 am  Physician’s Continental Breakfast with Exhibitors

Scientific Session III:
Moderator: James Markert, MD

7:30 – 8:00 am  Update on Endovascular Neurosurgery
   Adam Arthur, MD
8:00 – 8:30 am  Revascularization in Aneurysm Surgery: Why, When, How, Regrets and What’s Coming
Jacques Morcos, MD

8:30 – 9:00 am  Challenges to Resident Education in 2011
Ralph Dacey, MD

9:00 – 9:05 am  Introduction of William Henry Hudson Lecture
Christopher Paramore, MD

9:05 – 9:35 am  William Henry Hudson Lecture
Richard Fessler, MD, PhD

9:05 – 9:35 am  Morning Break with Exhibitors

**Oral Abstract Presentations**
Moderator: Eric Sherburn, MD

10:00 – 10:08 am  Paper #19: Generation of Transgenic Mice Expressing Dominant Negative NCOAT to Facilitate the Investigation of O-GlcNAc regulation within the Hippocampus and Spinal Cord
Thomas R. Whisenhunt, MD, PhD; Andrew Paterson, PhD

Scott L. Parker; Anubhav G. Amin, BS; Ali Bydon, MD; Daniel M. Scuibba, MD; Paul Wolinsky, MD; Ziya L. Gokaslan, MD; Timothy F. Witham, MD

Lisa Feldman, MD; Scott D. Simon, MD; John Reavey-Cantwell, MS, MD; Michael Chen, MD

10:30 – 10:38 am  Paper #22: Double Fascicular Nerve Transfer to the Biceps and Brachialis Muscles after Brachial Plexus Injury: Clinical Outcomes in a Series of 29 Cases
Wilson Z. Ray; Susan E. Mackinnon, MD

10:40 – 10:48 am  Paper #23: Does the Midbrain Mediate Descending Supraspinal Control of Nociception and Pain Behavior in Experimental Disc-Herniation Radiculopathy?
Mohammed F. Shamji, MD, PhD; Priscilla Hwang, BS; Kyle Allen, PhD; Mostafa Gabr, MD; Jun Chen, PhD; William J. Richardson, MD, MS; Lori A. Setton, PhD

Shervin R. Dashti; Todd Vitaz, MD; Wayne Villanueva, MD; David Sun, MD, PhD; Tom Yao, MD

11:00 – 11:08 am  Paper #25: Intraoperative Fluorescent Angiography: Routine use in Cerebral Aneurysm Surgery
Katherine Rose, BS; William Naso, MD; Andrew Rhea, MD; James Brennan, MD; Christopher Paramore, MD

11:10 – 11:18 am  Paper #26: Phase II Monitoring in Adults with Medically Intractable Epilepsy that is Non-localizable by Scalp Electrode EEG
Glen A. Pollock, MD, DVM; Jenna Dionisio, BS; William O. Tatum IV, DO; Selim Benbadis, MD; Fernando Vale, MD

Chad W. Washington, MD; Robert L. Grubb, MD

11:30 – 11:38 am  Paper #28: Cost Effectiveness of Multilevel Laminectomy for Lumbar Stenosis Associated Radiculopathy
Erin Fulchiero, BS; Brandon J. Davis, MD; Owoicho Adogwa, MPH; Oran Aaronson, MD; Joseph Cheng, MD; Clint Devin, MD; Matt J. McGirt, MD

11:40 – 11:48 am Paper #29: Cost Effectiveness of Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion (TLIF) for Degenerative Spondylolithesis Associated Low-back and Leg Pain Over Two years
Scott L. Parker; Owoicho Adogwa, MPH; Ali Bydon, MD; Joseph Cheng, MD; Matthew J. McGirt, MD

11:50 – 11:58 am Paper #30: Preoperative Grading Scale to Predict Survival in Patients Undergoing Resection of Malignant Primary Osseous Spinal Neoplasms
Scott L. Parker; Kaisorn L. Chaichana, MD; Debraj Mukherjee; Joseph Cheng, MD; Ziya L. Gokaslan, MD; Matthew J. McGirt, MD

12:00 – 12:08 pm Paper #31: Clinical Outcomes Following Median to Radial Nerve Transfers
Wilson Z. Ray; Susan E. Mackinnon, MD

12:10 – 12:18 pm Paper #32: Dorsal Column Mapping Decreases Dorsal Column Dysfunction for Intramedullary Tumor Resection
Ankit I. Mehta, MD; Cindy A. Mohrhaus, MS, CNIM; Aatif Husain, MD; Isaac O. Karikari, MD; Betsy D. Hughes, MD; Tiffany Hodges, MD; Oren Gottfried, MD; Carlos A. Bagley, MD

12:20 – 12:25 pm Closing Remarks
James Markert, MD

6:30 – 10:30 pm Final Reception and Banquet